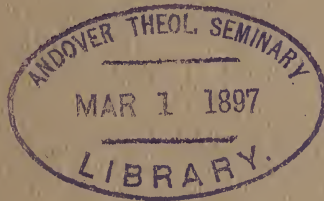


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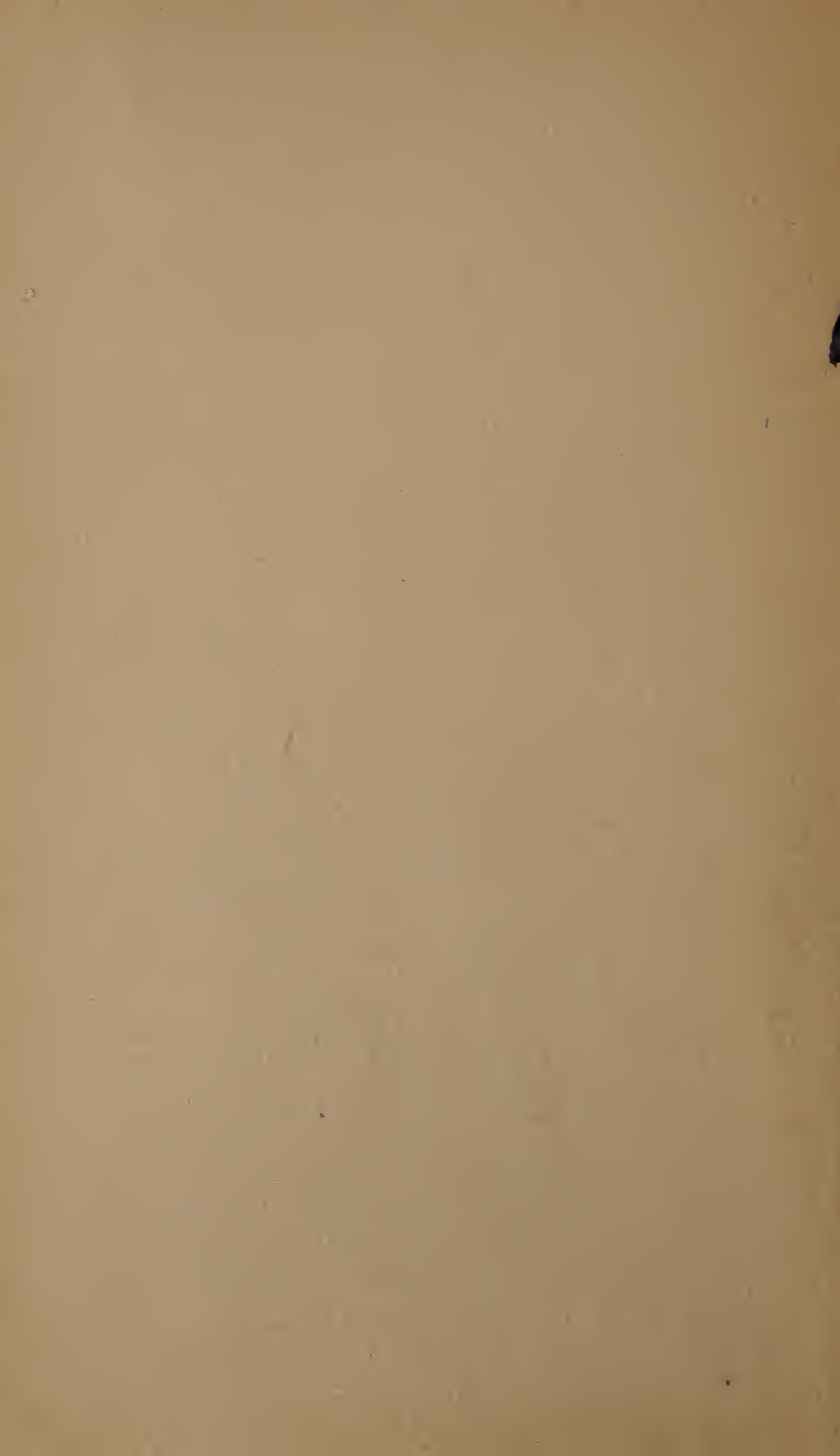
TOWN OF ANDOVER

ANNUAL REPORT
YEAR ENDING JANUARY 12, 1897

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THE
ANNUAL REPORT
OF THE
Receipts and Expenditures
OF THE
TOWN OF ANDOVER

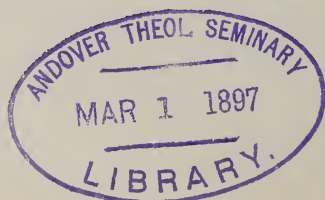
For the Financial Year ending January 12, 1897



ANDOVER, MASS.
THE ANDOVER PRESS
1897

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TOWN OFFICERS, 1897

Selectmen, Assessors and Overseers of Poor.

ARTHUR BLISS,	Term expires March, 1899
SAMUEL H. BOUTWELL,	" " " 1897
JOHN S. STARK, Secretary,	" " " 1898

Town Clerk and Tax Collector.

ABRAHAM MARLAND.

Town Treasurer.

GEORGE A. PARKER.

School Committee.

J. NEWTON COLE, Chairman,	Term expires 1897
MRS. LIZZIE A. WILSON,	" " 1898
MRS. ELIZABETH HINCKS,	" " 1898
THOMAS DAVID,	" " 1898
GEORGE D. PETTEE,	" " 1897
WILLIAM SHAW,	" " 1897
JOHN ALDEN,	" " 1896
JOHN N. COLE,	" " 1896
WILLIAM ODLIN,	" " 1896

Superintendent of Schools.

G. E. JOHNSON.

Water Commissioners.

JOHN H. FLINT, Chairman,	Term expires March, 1899
FELIX G. HAYNES, Secretary,	" " " 1898
JAMES P. BUTTERFIELD,	" " " 1897

Waterworks Superintendent.

JOHN E. SMITH.

Engineers of Fire Department.

LEWIS T. HARDY, Chief,	GEORGE D. LAWSON, Clerk.
ANDREW McTERNEN,	NATHAN E. MEARS.

Superintendent of Streets.

GEORGE W. CHANDLER.

Board of Health.

HOWELL F. WILSON,	"	"	1896
ARTHUR BLISS, Chairman,	"	"	1897
CHARLES E. ABBOTT, M. D., Secretary,	Term expires		1898

Sewer Commissioners.

WILLIAM S. JENKINS, Chairman,	Term expires	1897
JOHN L. SMITH,	"	" 1899
JOHN E. SMITH,	"	" 1898

Chief of Police.

GEORGE W. MEARS. Appointed.

Constables.

BARNETT ROGERS,	WILLIAM L. FRYE,
JOHN H. CLINTON.	

Trustees of Memorial Hall.

JOSEPH A. SMART,	Term expires	1903
E. KENDALL JENKINS,	"	" 1897
GEORGE W. FOSTER,	"	" 1898
JAMES B. SMITH,	"	" 1899
C. C. CARPENTER,	"	" 1900
JOSEPH W. SMITH,	"	" 1901
FRANCIS H. JOHNSON	"	" 1902

Trustees of Punchard Free School.

GEORGE H. POOR,	SAMUEL H. BOUTWELL
HORACE H. TYER,	MYRON E. GUTTERSON,
GEORGE A. PARKER.	

Auditors.

LEWIS T. HARDY,	GEORGE A. HIGGINS,
LOUIS A. DANE.	

TOWN MEETINGS.

Annual Town Meeting, March 2. 1896.

WARRANT.

ESSEX, SS: To either of the Constables of the Town of Andover.

GREETING :

In the name of the Commonwealth of Massachusetts, you are hereby directed to notify and warn the inhabitants of the Town of Andover, and North Andover so far as relates to the election of Trustees of the Punchard Free School, qualified to vote in town affairs, to meet and assemble at the Town House, in said Andover. on Monday, the Second day of March, 1896, at Nine o'clock, A. M., to act on the following Articles, namely :

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2d. — To choose Town Clerk, Treasurer, Collector of Taxes, One member of the Board of Selectmen, Assessors and Overseers of the Poor for three years, One member of the Board of Health for three years, three members of the School Committee for three years, one Water Commissioner for three years, One Trustee of the Memorial Hall for seven years, one Sewer Commissioner for three years, Trustee of Punchard Free School from the South Parish for two years to fill a vacancy, One or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a Pound Keeper, and any other officers the town may determine to choose.

Article 3d. — To take action on the following question :
 “ Shall Licenses be granted for the Sale of Intoxicating
 Liquors in this town?”

Article 4th. — To determine what sums of money shall be appropriated for Schools, School-Houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationery, Spring Grove Cemetery, Memorial Day, State Aid, Military Aid, Waterworks, Interest on Bonds, Funds and Notes, State Tax, County Tax, Abatement of Taxes, Alms-house Expenses, Relief out of Alms-house, Repairs on Alms-house, and other town charges and expenses.”

Article 5th. — To see if the Town will appropriate a sum of money for the celebration of the 250th anniversary of its incorporation on the request of its Committee of Fifteen.

Article 6th. — To see if the Town will purchase land, remove and remodel the engine house in Ballard Vale, and appropriate a sum of money therefor, on petition of Engineers and others.

Article 7th. — To see if the Town will vote to reconsider the vote taken two years ago authorizing the sale of the J. P. Bradlee steamer, on petition of Charles F. Billington and others.

Article 8th. — To see if the Town will accept the provisions of Chapter 374, Acts of 1895, authorizing the Town to place the administration of their highways under a single highway surveyor, on petition of John E. Smith and others.

Article 9th. — To see if the Town will authorize the Selectmen to appoint a night watch in Ballard Vale and appropriate a sum of money therefor, on petition of Charles H. Shattuck and others.

Article 10th. — To see if the Town will vote to purchase a new ladder truck and appropriate \$1200 therefor, on petition of Engineers and others.

Article 11th. — To hear and act on the reports of the Selectmen, Sewer Commissioners, and other Town Officers.

Article 12th. — To see if the Town will accept the list of names for Jurors prepared and posted by the Selectmen.

Article 13th. — To fix the pay of the Firemen for ensuing year.

Article 14th. — To see if the Town will vote to place a drinking fountain at the junction of Main and Marland Streets and appropriate a sum of money therefor, on petition of the Village Improvement Society.

Article 15th. — To see if the Town will accept the provisions of Chapter 154 of Acts of 1882 as amended by Chapter 240 of the Acts of 1890 relating to public parks.

Article 16th. — To see if the Town will authorize the erection of an additional electric light on Abbott Street and one on Chestnut Street.

Article 17th. — To determine the method of collecting the taxes the ensuing year.

Article 18th. — To see if the Town will appropriate a sum of money to improve Ridge Street.

Article 19th. — To see if the Town will name the street leading from Main past James N. Smart's house Gardner Avenue.

Article 20th. — To see if the Town will appropriate a sum of money to care for the public dump, on petition of the Village Improvement Society.

Article 21st. — To see if the Town will vote to grant the free use of water in case the Village Improvement Society places a fountain in some suitable public place.

Article 22d. — To determine the disposition of unexpended appropriations.

Article 23d. — To see if the Town will appropriate a sum

of money to continue the sidewalk on the north side of Summer Street to the house of J. F. Morse.

Article 24th. — To authorize the Treasurer to hire money for the use of the Town, in anticipation of taxes upon the approval of the Selectmen.

Article 25th. — To determine the amount of money to be raised by taxation the ensuing year.

Article 26th. — To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant with your doings thereon, to the Town Clerk, at the time and place of meeting.

Given under our hands, at Andover, this Thirteenth day of February, in the year one thousand eight hundred and ninety-six.

ARTHUR BLISS,	}	<i>Selectmen of Andover.</i>
SAM'L H. BOUTWELL,		
JOHN S. STARK,		

Took up Article 1.

Chose George H. Poor, Moderator, by ballot, he receiving all of the twelve votes cast.

Voted, To choose three Constables.

Voted, To choose three Fence Viewers.

Took up Articles 2 and 3, and voted on the same together.

The Moderator appointed Arthur Bliss, Samuel H. Boutwell, and John S. Stark tellers to check the names of voters for Town Officers, and Barnett Rogers teller to check the names and count the License votes, and they were all duly sworn by him to the faithful performance of their duty.

At fifteen minutes past nine the polls were opened and the meeting proceeded to ballot for Town Officers and to

vote on the Liquor License question, the check lists being used on both articles.

The Standard ballot box failed to work properly and was laid aside, an open box being substituted therefor in taking the vote on the Liquor License question.

The polls were closed at 2 o'clock P.M.

The whole number of votes cast was 573

Necessary for a choice where there were two candidates
for the same office, 287

FOR TOWN CLERK :

Abraham Marland had 573

FOR SELECTMAN, ASSESSOR, AND OVERSEER OF POOR,—3 years.

Arthur Bliss had 401

Barnett Rogers had 166

Peter D. Smith had 1

FOR TOWN TREASURER :

George A. Parker had 573

FOR COLLECTOR OF TAXES :

Abraham Marland had 573

FOR SCHOOL COMMITTEE,—3 years :

John Alden had 572

William Odlin had 570

John N. Cole had 570

J. Newton Cole had 1

John W. Bell had 1

FOR WATER COMMISSIONER,—3 years :

John H. Flint had 571

FOR SEWER COMMISSIONER,—3 years :

John L. Smith had 570

John H. Flint had 1

FOR TRUSTEE OF MEMORIAL HALL,—7 years :

Joseph A. Smart had	572
---------------------	-----

FOR TRUSTEE OF PUNCHARD FREE SCHOOL,—2 years :

Myron E. Gutterson had	564
John Alden had	1

FOR AUDITORS (Three) :

Lewis T. Hardy had	571
Louis A. Dane had	570
George A. Higgins had	355
John J. Sweeney had	213
John H. Flint had	1

FOR BOARD OF HEALTH,—3 years :

Howell F. Wilson had	316
M. E. Clemons had	256

FOR CONSTABLES (Three) :

George F. Cheever had	450
George W. Mears had	332
William L. Frye had	326
John H. Clinton had	310
Edward F. Sisco had	236
George F. Baker had	1
M. C. Andrews had	1
George Brown had	1

FOR FENCE VIEWERS (Three) :

Michael T. Welch had	566
William H. Carter had	566
Charles G. Hussey had	317
George Buchan had	256

All the foregoing officers elected were chosen by ballot, the check list being used.

And the Moderator declared —

Abraham Marland elected Town Clerk.

Arthur Bliss elected Selectman, Assessor and Overseer of the Poor for three years.

George A. Parker elected Town Treasurer.

Abraham Marland elected Collector of Taxes.

John Alden, John N. Cole, William Odlin, elected School Committee, three years.

John H. Flint elected Water Commissioner, three years.

John L. Smith elected Sewer Commissioner, three years.

Joseph A. Smart elected Trustee of Memorial Hall, seven years.

Myron E. Gutterson elected Trustee of Punchard Free School, two years.

Lewis T. Hardy, Louis A. Dane, George A. Higgins, elected Auditors.

Howell F. Wilson elected Board of Health, three years.

George F. Cheever, George W. Mears, William L. Frye, elected Constables.

Michael T. Welch, William H. Carter, Charles G. Hussey, elected Fence Viewers.

The result of the vote on the Liquor License question was declared by the Moderator to be as follows :

“ Yes,” 42.

“ No,” 374.

Chose Field Drivers : John L. Noyes, George Buchan, Fred. M. Hill, George T. Abbott.

Chose Surveyors of Lumber : Charles H. Marland, Charles G. Hussey, Charles Green, Joseph F. Cole, Joshua H. Chandler, George H. Coffin, William H. Carter, George P. Pillsbury, Frank E. Gleason, Edward S. Hardy.

Chose as Pound Keeper : Superintendent of the Town Farm, and

Voted, That the town barn and barn yard be the pound.

Took up Article 4.

Voted, To appropriate the following stated sums of money :

Schools,	\$19,600
School-houses,	3,000
School Books and Supplies,	1,500
Macadamized Roads,	4,000
Repairs on Highways and Bridges,	3,000
Sidewalks (\$700 of which to be expended under “betterment act”)	1,300
Removing Snow,	500
Town Officers,	5,000
Town House,	1,000
Water-works, maintenance,	4,700
Sinking Fund,	675
Fire Department, Running Expenses,	2,000
“ “ New Apparatus and Engine House changes,	3,000
Horses and Drivers,	3,000
Street Lighting,	3,700
Printing and Stationery,	700
Spring Grove Cemetery (also proceeds of sale of lots),	300
Memorial Day,	200
State Aid,	1,600
Military Aid,	300
Expenses of Almshouse,	4,000
Relief out of Almshouse,	5,000
Repairs on Almshouse,	500
State Tax,	6,000
County Tax,	5,000
Abatement of Taxes,	300
Interest on Notes, Funds, and Bonds,	10,000
Insurance,	500
Hay Scales,	50
Miscellaneous,	1,500
250th Anniversary,	4,500
Drinking Fountain (see Art. 14),	275
Public Dump (see Art. 20),	25
	<hr/>
	\$96,725

Took up Article 5.

Voted, To appropriate the sum of four thousand five hundred dollars for the Celebration of the 250th Anniversary of the Incorporation of the Town of Andover. The vote stood Yes, 216 ; No, none.

Voted, That Articles 6 and 10 be considered together.

The appropriations called for in these two Articles having already been considered in the list of appropriations, further action was unnecessary.

Took up Article 7.

Voted, To rescind the vote passed two years ago authorizing the sale of the J. P. Bradlee Steamer.

Took up Article 8.

Voted, That the Town accept the provisions of Chapter 374, Acts of 1895, authorizing the Town to place the administration of their highways under a single Highway Surveyor.

Voted, That the Moderator appoint a committee to bring in names of candidates for the office of Highway Surveyor.

The Moderator appointed John N. Cole, M. E. Clemons, and Arthur Bliss as that committee.

Moved, To reconsider the acceptance of the law relating to Highway Surveyor. The motion was lost.

Voted, To lay Article 8 on the table until the committee report.

The committee reported that they were unable to agree.

Took up Article 9.

Voted, To indefinitely postpone.

Article 10 has already been acted upon.

Took up Article 11.

Voted, That the Town instruct the Sewer Commissioners to appeal to the Legislature to repeal Section 15 of Chapter

386 of the Acts of 1895, entitled, "An Act to authorize the Town of Andover to establish a system of Sewerage.

Voted, To accept the report of the Town Officers.

Took up Article 12.

Voted, To strike the following names from the Jury List, at the request of the persons: Edward W. Burt, Jonathan M. Bean, Henry J. Gardner, Stillman H. Harnden, George F. Lawrence, Henry A. Russell, James Spence, Allen Simpson.

Voted, To accept the Jury List as amended, here following:

Abbott, Allen F.	Hoffman, Carl
Abbott, Warren G.	Holt, Ballard
Abbot, Edward F.	Hanson, Eugene A.
Abbot, Stephen E.	Hardy, Fred. S.
Anderson, James	Haynes, Bancroft T.
Anderson, Frank H.	Hayward, Henry M.
Berry, J. Warren	Hayward, Henry A.
Bodwell, Lewis F.	Hackett, William H.
Bowman, Charles	Johnson, Isaac
Brown, George A.	Jowett, William H.
Bailey, Samuel H.	Kibbee, Charles H.
Boutwell, Samuel H.	Keeland, John E.
Boynton, Henry	Lowd, Joseph H.
Billington, Charles F.	Lovejoy, Sephen A.
Blunt, Charles C.	Livingston, William
Boutwell, Edward W.	Mooar, J. Warren
Caldwell, Albert W.	Moody, A. Herbert
Chandler, George W.	Moulton, Charles N.
Cole, Joseph F.	Mathews, Thomas A.
Chandler, Joshua H.	Newton, Charles H.
Caffrey, Owen F.	Neal, Horace F.
Carter, William H.	Platt, Thomas W.
Carpenter, Charles C.	Phelps, Frank C.
Christie, George A.	Poor, Daniel H.
Donald, Walter S.	Riley, Lawrence F.
Dodson, Richard J.	Stack, John, Jr.

Daley, James E.	Schneider, Louis H.
Daley, Thomas F.	Stott, Joshua H.
Dane, Louis A.	Stark, John S.
Daley, Patrick	Stott, Thomas E.
Dear, Alexander	Scott, John W.
Davey, John	Shaw, Benjamin
Erving, Abbott	Tuck, M. Warren
Foster, Frank M.	Wiggin, George W.
Flint, James S.	Ward, Wilber F.
Grosvenor, James	Welch, Michael T.

Took up Article 13.

Voted, To pay firemen same as last year (\$25).

Took up Article 14.

Voted, That \$275 be appropriated for a drinking fountain, to be located at the junction of Main and Marland Streets.

Took up Article 15.

Voted, To proceed to vote on the acceptance of the provisions of Chapter 154 of Acts of 1882, as amended by Chapter 240 of the Acts of 1890, relating to public parks. The check list was used in taking this vote.

Voted, To close the polls on Park Act at 3.50 p.m., and the polls were closed at that hour.

The following is the result of the vote on Park Act: Yes, 11 ; No. 1.

Voted, That Article 8 be taken from the table.

Voted, That the choice of Highway Surveyor be deferred until an adjourned meeting.

Voted, That when this meeting adjourn it be to 8 o'clock p.m., two weeks from this evening (March 16).

Took up Article 16.

This Article was voted on, but was not carried.

Took up Article 17.

Voted, That taxes be collected on same terms as last year.

Took up Article 18.

Voted, That Ridge Street be improved out of the regular appropriation.

Took up Article 19.

Voted, To name the street leading from Main Street past James N. Smart's house, "Gardner Avenue."

Took up Article 20.

Voted, To appropriate \$25 for Public Dump to be under control of the Village Improvement Society.

Took up Article 21.

Voted, That if a Fountain be given to the Town to be placed in Elm Square, that water be provided for it without charge.

Took up Article 22.

Voted, That all unexpended balances be turned into the treasury, except one hundred dollars of the balance of the Sewer Commissioners.

Took up Article 23.

Voted, To indefinitely postpone.

Took up Article 24.

Voted, To authorize the Treasurer to hire money for the use of the Town, in anticipation of taxes, upon the approval of the Selectmen.

Took up Article 25.

Voted, To raise eighty thousand dollars by taxation.

Took up Article 26.

Voted, That the Committee on the 250th Anniversary be instructed to procure suitable quarters for the literary exercises on that occasion.

Voted, That the Town request the School Committee to allow the Committee on the 250th Anniversary to use the Punchard School House for the Loan Collection.

The following is a copy of the Second Annual Report of the Committee of Fifteen on the 250th Anniversary of the Incorporation of Andover :

SECOND ANNUAL REPORT OF THE COMMITTEE OF FIFTEEN TO
THE TOWN OF ANDOVER, MARCH 2, 1896.

At the Annual Meeting of 1895 your Committee of Fifteen on the 250th Anniversary of the Incorporation of Andover, appointed at the Annual Meeting of 1894, reported progress, and presented certain recommendations and appointments, and a general outline of a civic celebration of the 250th Anniversary of the Town. That report was accepted, and its recommendations were adopted. This report, and the action thereon, may be found on pp. 15, 16 and 17 of the Annual Reports of the Town Officers for the year ending January 15, 1896.

During the year your Committee held meetings Oct. 26, Nov. 13, Dec. 11, Dec. 20, Feb. 3, Feb. 21 ; many meetings have been held by the sub-committees.

There have been two changes in the Committee: Frederic W. Greene, having resigned his charge in the West Parish and removed to Middletown, Ct., his place was filled, in accordance with the authority of the vote of the Town, by the appointment of Peter D. Smith ; George Gould, having removed temporarily from the town, asked to be released from further service on the Committee, and his place was filled by the appointment of Arthur Bliss.

The Committee deemed it wise to change the date of the celebration from the 6th of May to the 20th of May, and accordingly to ask the pastors of the churches to preach the memorial sermons on the 17th of May instead of the 3d of May next.

The Committee, as authorized by the Town, has created sub-committees, as follows :

Invitation and Guests — C. F. P. Bancroft, chairman.

Evening Reception and Historical Tableaux — A. L. Ripley, chairman.

Decorations — Geo. W. Foster, chairman.

Music — Arthur Bliss, chairman.

Salute and Fireworks — John L. Smith, chairman.

Procession — Peter D. Smith, chairman.

Printing — John N. Cole, chairman.

Banquet — Wm. Marland, chairman.

Loan Collection and Historic Sites — Samuel H. Boutwell, chairman.

Transportation — Howell F. Wilson, chairman.

Sports — Joseph M. Bradley, chairman.

Children's Festival — Joseph W. Smith, chairman. They have constituted themselves the *Finance Committee*, with George H. Poor as chairman, to which as General Committee also, each sub-committee is to report. Each sub-committee has for its chairman, or in its membership, a member of the General Committee, so that a general unity of plans and effort may be readily secured. About one hundred and seventeen men and women were invited to serve the town on these sub-committees, of whom only two have requested to be excused.

In addition to the appointment of Orator and Poet, as voted at the last town meeting, the Committee of Fifteen have appointed Rev. Frank R. Shipman, the pastor of our oldest church, chaplain of the day, Peter D. Smith, chief marshal, and John Wesley Churchill, toast-master.

The provisional program adopted by your Committee includes the following as possible features : —

For the evening of the 19th May, a general reception with music, and tableaux illustrating distinctive events and scenes in the town's history.

For the morning of the 20th, sunrise bells and artillery salute.

A procession, in which the schools may have a prominent place, and the various organizations of the town.

The literary exercises.

The dinner, followed by addresses from distinguished guests and others.

Various entertainment for the children.

Field sports and athletic games.

A loan collection in some suitable place, with objects of special historical, industrial, and personal interest.

There has been a very general interest in the matter of decorations, and the Committee expect such general and hearty response from families and firms, especially from the children, as will make a May festival of great beauty.

For the evening of the 20th, the Committee has considered the possibility of an out-of-door concert, with a display of fireworks, and possibly one or more indoor promenade concerts at the same time.

Your Committee has been guided by a few broad principles. We cannot vie with the larger and richer communities in numbers and display. We have not the means of housing and entertaining a great throng of spectators, who have little personal interest in our celebration. We must therefore study to make it dignified and worthy, rather than elaborate and costly. We have no one auditorium in which we can gather a very large assembly. The Committee has sought therefore to provide a variety of exercises, some of which may properly be in progress at the same time, and which at all events will appeal to a variety of differing interests, thereby relieving the poverty of our accommodations.

Your Committee did not accept your appointment in 1894, and its renewal in 1895, as a right of inheritance, or a mark of distinction, or a coveted privilege, but they accepted it as servants of the town to promote a celebration historic, comprehensive, and patriotic. They record here their appreciation of the support they have received thus far from old citizens and new comers, from women as well as men, from youth and adults, from all parts of our scattered territory, and from former residents and their descendents as well as from our present inhabitants. It has been the desire of your Committee to enlist everybody in this celebration, till everybody within our borders feels that it is unselfishly his. They have taken it for granted that every man, woman, and child should regard himself as a member of the great central "committee of the whole," and should charge himself with a responsibility for this celebration, which was begun by the vote, in the name of the town as a whole, of the town as it is to-day, with all the various components that are in it, and which is to be carried on with the distinct aim of paying

a worthy tribute of gratitude and reverence to the past, with a conscious civic self-respect and appreciation of the present, and with a generous reference to the future of a township already favorably known for its noble public spirit.

Your Committee therefore has felt it their duty to call upon every citizen, in the name of the town, to assist in this celebration ; and they have called upon a few out of the very many who are competent for such leadership, by name and by appointment, to represent and organize and direct the activity of our great "committee of the whole," to which every one of our more than six thousand citizens belongs.

Finally, in order to meet the expenses of the celebration, your Committee recommends that the town avail itself of the provisions of the general statute relating to centennial celebrations by towns and cities in this Commonwealth. Under this statute a town may appropriate a sum not exceeding one-tenth of one per cent. of its taxable valuation. As your Committee is informed by the Selectmen our valuation is about \$4,500,000, and a tenth of one per cent. would give an appropriation of \$4,500 for our Quarter-Millennial, a sum judiciously expended would meet the requirements of a dignified and comprehensive celebration, while not large enough to warrant any ostentation.

Your Committee accordingly recommends an appropriation not exceeding one-tenth of one per cent. of the taxable valuation, to be expended under the direction of the Finance Committee.

Respectfully submitted,

CECIL F. P. BANCROFT,
Chairman.

Voted, That the road wash, past and present, be given to the Village Improvement Society, to use in improving town property.

The meeting adjourned at five o'clock p.m.

Attest :

ABRAHAM MARLAND,
Town Clerk.

Adjourned Town Meeting, March 16, 1896.

The meeting opened at 8 o'clock p.m.

Voted, To take Article 8 from the table.

Voted, To proceed to vote for Highway Surveyor.

Voted, At 8.50 p.m. it was voted to close the polls.

Voted, To take up Article 26.

Voted, That street leading from Village Street to Lowell Street, past the house of George Buchan, be named "Lincoln Street."

Voted, That so much of Punchard Avenue from Elm Street to Bartlet Street, by the Punchard School grounds, be called "Whittier Street." The vote stood 81 yes, 10 no.

Voted, That the portion of Punchard Avenue from the end of that portion now changed to Whittier Street, to the original Punchard Avenue, be called "Bartlet Street."

The motion to pay Highway Surveyor three dollars per day, and one dollar per day additional for use of horse, was lost.

Voted, That Highway Surveyor be paid one thousand dollars per year, with nothing additional for use of horse.

Voted, That all employés of the town be paid by treasurer's check, instead of cash.

The result of the vote for Highway Surveyor was as follows :

Thomas J. O'Brien,	48
Joseph T. Lovejoy,	135
George W. Chandler,	159

And the Moderator declared George W. Chandler elected Highway Surveyor.

Voted, At 9.30 p.m., to dissolve the meeting.

Attest :

ABRAHAM MARLAND,

Town Clerk.

Special Town Meeting, December 21, 1896.

WARRANT.

ESSEX SS : To either of the Constables of the Town of
Andover. GREETNG :

In the name of the Commonwealth of Massachusetts you are hereby directed to notify and warn the inhabitants of the Town of Andover, qualified to vote in town affairs, to meet and assemble in the Town House, in said Andover, on Monday, the twenty-first day of December, 1896, at seven thirty o'clock, P. M., to act on the following articles, namely :

Article 1. To choose a Moderator to preside at said meeting.

Article 2. To see if the Town will instruct and empower the Spring Grove Cemetery Committee to sell and convey the standing wood and timber on land connected with said cemetery, on a petition of William S. Jenkins and others.

Hereof fail not and make due return of this Warrant, with your doings thereon to the Town Clerk at the time and place of meeting.

Given under our hands at Andover this Eleventh day
of December in the year one thousand eight
hundred and ninety-six.

ARTHUR BLISS,	} <i>Selectmen</i>
SAMUEL H. BOUTWELL,	
JOHN S. STARK,	
	<i>of</i>
	<i>Andover.</i>

Took up Article 1.

Chose George H. Poor, Moderator.

Took up Article 2.

Voted, That Spring Grove Cemetery Committee be instructed to cut and sell wood on Spring Grove Cemetery at their discretion, the proceeds to be used for improvement of Cemetery.

Adjourned at 8 o'clock p.m.

Attest :

ABRAHAM MARLAND,
Town Clerk.

Selectmen's Account.

SCHOOLS.

Appropriation, March 2nd,	\$19,600 00
G. E. Johnson, Superintendent,	\$1339 42
C. N. Lane, teaching,	544 80
C. A. Putnam, teaching,	459 88
F. W. Meldrum, teaching,	145 34
A. E. Chase, teaching,	439 53
C. E. Clay, teaching,	113 21
E. A. McLawlin, teaching,	500 82
L. A. Roach, teaching,	430 62
A. O. S. Clemons, teaching,	418 84
J. S. Abbott, teaching,	423 06
L. F. Farnum, teaching,	422 22
S. N. Molther, teaching,	486 80
C. A. Deane, teaching,	337 26
S. G. Meldrum, teaching,	249 00
M. F. Brown, teaching,	257 30
R. S. Copeland, teaching,	432 30
F. I. Abbott, teaching,	423 06
M. C. Donovan, teaching,	470 51
J. B. F. Greene, teaching,	383 81
J. Birnie, teaching,	419 52
M. D. McLeod, teaching,	432 30
L. A. Abbott, teaching,	434 36
H. W. Battles, teaching,	436 26
E. M. Dearborn, teaching,	110 45
Grace L. Burt, teaching,	339 59
<i>Amount carried forward,</i>	<u>\$10450 26</u>

Appropriation, March 2nd,	\$19,600 00
<i>Amount brought forward,</i>	\$10450 26
F. Chandler, teaching,	201 60
A. Aldrich, teaching,	171 00
Gertrude A. Burt, teaching,	339 59
Gertrude E. Holt, teaching,	354 31
E. Demorest, teaching,	944 32
E. Kolb, teaching,	207 00
A. Mills, teaching,	7 82
A. L. Goodrich, teaching,	8 40
J. M. West, teaching,	130 00
R. Jeffers, teaching,	100 67
E. A. Laquels, teaching,	22 36
A. M. Powell, teaching,	114 14
E. M. Harmon, teaching,	129 15
M. A. Dacey, teaching,	280 00
M. L. Saunders, teaching,	132 00
C. B. Dean, teaching,	85 80
M. A. Moore, teaching,	135 98
Florence Webster, teaching,	24 60
A. S. Peabody, teaching,	8 00
L. A. Nolan, teaching,	3 60
E. L. Warren, teaching,	165 76
Bertha Haselton, teaching,	126 00
J. F. McCarthy, teaching,	110 37
M. F. Pillsbury, teaching,	156 50
E. L. Comstock, teaching,	165 76
G. A. Puffer, teaching,	165 76
Eleanor J. Clark, teaching,	276 30
Clarissa Abbott, teaching,	10 00
Louise E. Hardy, teaching,	4 10
Abbott Erving, janitor,	720 00
Orrell Ashton, janitor,	222 00
James Scott, janitor,	219 62
Charles A. Craig, janitor,	99 50
<i>Amount carried forward,</i>	\$16292 27

Appropriation, March 2nd,	\$19,600 00
<i>Amount brought forward,</i>	\$16292 27
Fred Hanson, janitor,	30 75
Charles A. Hardy, janitor,	36 00
Mattie Bourdelais, janitor,	18 50
Edgar McIntire, janitor,	22 00
William A. Howell, janitor, Punchard,	65 47
Edward McGovern, janitor,	29 44
C. M. Baldwin est., janitor, Punchard,	10 40
Leon G. Flint, janitor,	16 00
Bailey & Flint, janitors,	23 00
L. W. Bodwell, janitor, Punchard,	113 68
Harry D. Flint, janitor,	8 00
Frank E. Gleason, coal,	1738 15
James S. Flint, wood,	43 88
A. W. Baker, wood,	21 50
Daniel Fitzpatrick, wood,	14 00
George F. Baker, wood,	12 00
C. L. Bailey, wood,	19 69
John B. Abbott, wood,	15 39
A. A. Hardy, wood,	3 00
George E. Flint, preparing wood,	5 00
Fred L. Harrington, preparing wood,	50
William H. Tucker, wood,	14 00
Sara Wiltse, lecture,	11 70
H. M. Hayward, truant officer,	10 00
Andover & Lawrence Express,	1 50
Omar P. Chase, supplies,	8 67
Dyer & Co., rent of piano,	13 00
E. C. Pike, supplies,	8 60
G. E. Johnson, cash paid for sundries,	65 41
Total expenditure,	—————\$18671 50
Balance unexpended,	<u><u>\$928 50</u></u>

SCHOOL-HOUSES.

Appropriation, March 2nd,	\$3,000 00
A. A. Hardy, grading,	\$124 48
H. McLawlin, supplies,	190 45
M. E. White, masonry,	61 40
Henry P. Noyes, supplies,	70 25
John Haggerty, labor,	14 25
E. C. Pike, supplies and repairs,	54 37
Frank E. Dodge, masonry,	80 69
J. E. Whiting, clocks,	8 50
George H. Horn, repairs,	9 50
George W. Chandler, grading,	176 68
Brainard Cummings, repairs,	22 61
Hardy & Cole, repairs,	641 00
George Saunders, supplies,	13 56
John S. Dearborn, painting,	64 84
Wales Brothers, pump,	15 00
F. G. Haynes & Co.,	5 03
Charles Craig, repairs,	2 50
Charles A. Hardy, repairs,	4 00
Chandler Adjustable Chair Co., furniture,	344 80
William J. Reed, repairs,	2 25
John Cunningham, labor,	1 50
John F. Nuckley, grading,	12 00
Norman Wyatt, labor,	3 00
Elis Cote, repairs,	50
E. J. Rowe, repairs,	48 65
Misses Bradley, supplies,	5 93
<i>Amount carried forward,</i>	<u>\$1977 74</u>

Appropriation, March 2nd,		\$3000 00
<i>Amount brought forward,</i>	\$1977 74	
T. A. Holt & Co., supplies,	4 07	
Abbott Erving, repairs,	56 63	
O. W. Vennard, loam,	21 35	
T. J. O'Brien, grading,	369 38	
J. H. Chandler, repairs,	4 25	
John E. Smith, engineering,	10 00	
T. F. Hayden, labor,	8 00	
Enoch Robinson, supplies,	1 25	
George H. Champlin & Co., pianos,	150 00	
A. M. Caldwell, repairs,	25 05	
Andover Electric Light Co., light,	5 00	
Tuttle's Express,	24 10	
T. O'Hara, labor,	1 70	
John B. Abbott, repairs,	1 00	
Jennie S. Abbott, supplies,	97	
M. V. Gleason, masonry,	30 80	
Blois' Express,	2 00	
J. L. Hammett & Co., supplies,	61 61	
Andover Guild, use of piano,	25 00	
John T. Connolly, loam,	2 00	
Winthrop B. Jones, blackboard frame,	6 00	
Peabody, Whitney & Co., supplies,	19 44	
Tyer Rubber Co., supplies,	12 00	
W. F. Duffee & Co., concreting,	150 00	
H. M. Hayward, grading,	11 10	
A. F. Saunders, cleaning,	2 50	
W. H. Welch, repairs,	4 35	
Andover Water Works,	4 37	
H. F. Chase, supplies,	25	
Smith & Manning, supplies,	1 40	
Total expenditure,	<hr/>	\$2993 31
Balance unexpended,		<hr/> <hr/> \$6 69

SCHOOL BOOKS AND SUPPLIES.

Appropriation, March 2nd,	\$1500 00
Cr. by amount overpaid,	8 04
	<hr/> \$1508 04
H. F. Chandler,	\$ 54 40
Thompson, Brown & Co.,	15 00
Leach, Shewell & Sanborn,	19 73
Ginn & Co.,	102 01
Houghton, Mifflin & Co.,	90 16
William J. Dinsmore & Co.,	3 50
Lee & Shepard,	7 20
J. L. Hammett & Co.,	171 42
Brown's Express,	17 82
D. C. Heath & Co.,	301 82
E. H. Butler & Co.,	3 00
J. & I. C. Moore,	12 00
Prang Educational Co.,	65 99
Oliver Ditson Co.,	2 50
Eldredge & Brother,	33
American Book Co.,	217 32
Silver, Burdette & Co.,	12 00
American Express Co.,	11 10
Handy Package Dye Co.,	1 25
Werner School Book Co.,	60
Monocentric Penholder Co.,	1 25
John N. Cole,	94 62
Andover Press,	34 50
Edward E. Babb & Co.,	27 00
<i>Amount carried forward,</i>	<hr/> \$1266 52

Appropriation, March 2nd, and amount overpaid, \$1508 04

<i>Amount brought forward,</i>	\$1266 52	
Robert Bros.,	2 15	
G. E. Johnson,	2 74	
Educational Publishing Co.,	1 20	
George F. King & Merrill,	10 24	
Joseph C. Godfrey,	25 71	
Arthur A. Boyden,	7 50	
Peabody, Whiting & Co.,	2 40	
Tuttle's Express,	7 68	
Public School Publishing Co.,	14 00	
William Ware & Co.,	116 00	
W. B. Jones,	5 70	
George A. Higgins & Co.,	25 19	
American Net & Twine Co.,	3 10	
Morse Campany,	2 00	
Joseph Gillott & Sons,	5 25	
Omar P. Chase,	5 20	
Lathrop Publishing Co.,	4 00	
Total expenditure,	————	\$1506 58
Balance unexpended,		<u><u>\$1 46</u></u>

Highways and Bridges.

Appropriation, March 2nd,		\$7000 00
Dennis P. Sweeney, pipe,	\$ 2 50	
F. G Haynes & Co., supplies,	1 10	
Treat Hardware and Supply Co., supplies,	9 41	
H. F. Chase, saw filing,	80	
Samuel Smith, repairs on engine,	64 73	
A. J. Wellington, grates,	68 39	
J. W. Henderson, supplies,	1 72	
Reuben Webb, labor,	27 00	
Jerry Golden, labor,	18 75	
Andover & Lawrence, express,	1 25	
Town of Methuen, steam rolling,	20 00	
John Haggerty, labor,	435 48	
B. F. Smith, labor,	4 50	
H. McLawlin, supplies,	77 55	
C. L. Bailey, labor,	3 00	
John H. Clinton, labor,	320 70	
John McCarty, labor,	55 41	
James Greives, labor,	3 00	
Brainard Cummings, labor and stock,	5 99	
Geo. W. Chandler, team, labor and wood,	302 07	
C. E. Knowlton, wood work,	2 75	
American Road Machine Co., castings,	2 00	
J. T. Lovejoy, salary and team work,	318 00	
T. Howard, labor,	1 00	
T. A. Holt & Co., supplies,	75	
L. F. Murch, labor,	12 75	
C. W. Livingston, labor,	5 25	
<i>Amount carried forward,</i>	<u>\$1765 85</u>	

Appropriation, March 2nd,		\$7000 00
<i>Amount brought forward,</i>	\$1765 85	
John Ronan, labor,	80 36	
W. H. Carter, gravel,	66 70	
Frank E. Gleason, gravel,	2 00	
T. P. Harriman, iron work,	28 75	
T. J. O'Brien, labor,	16 50	
Austin Poland, labor,	2 65	
Hardy & Cole, stock and labor,	80 64	
John J. Barrett, labor,	16 50	
Geo. A. Dane, iron work,	50	
John Schofield, labor,	221 32	
Anderson & Bowman, iron work,	5 50	
Patrick Conway, labor,	181 25	
J. J. Abbott, stone,	16 50	
Geo. L. Burnham, Supt., labor,	179 25	
John Leary, labor,	197 30	
George Saunders, stock and labor,	16 53	
George W. Chandler, salary,	655 00	
George L. Averill, posts, wire and labor,	2 00	
Isaac Carruth estate, gravel,	5 60	
Erwin C. Pike, supplies,	1 10	
John D. Driscoll, labor,	77 85	
Locke & Jones, stone,	4 00	
Burnham & Page, belting	16 07	
Dennis Sweeney, labor,	5 15	
Boston & Maine Railroad, freight,	3 40	
W. F. Duffee & Co., concreting,	664 00	
E. W. Bigelow & Co., oil,	25 47	
F. W. McLanathan, belting,	1 50	
Concord Foundry Co., grates,	5 00	
Western Wheel Scraper Co., grates,	13 60	
J. H. Leonard, iron work,	2 01	
G. A. Mayer,	50	
C. H. Newton, labor,	12 50	
Arthur F. O'Connell, wood work,	2 00	
<i>Amount carried forward,</i>	\$4374 85	

Appropriation. March 2nd,		\$7000 00
<i>Amount brought forward,</i>	\$4374 85	
Joshua H. Chandler, labor,	25 32	
Sarah F. Jenkins,	7 44	
C. N. Moulton, labor,	12 00	
John McGlinn, labor,	2 53	
Timothy C. Sullivan, labor,	215 00	
Jerry Leary, labor,	35 83	
Harry Bourdelais, labor,	4 50	
Patrick Hodnadd, labor,	200 42	
Geo. Morgan, labor,	15 00	
Cornelius Sweeney, labor,	8 75	
Andrew Hurley, labor,	82 06	
Timothy Mahoney, labor,	153 01	
John E. Murphy, labor,	3 50	
William Hardney, labor,	75 44	
Swan Mateson, labor,	157 69	
Charles Cheever, labor,	21 00	
Joseph Magnett, labor,	32 47	
Dennis Riley, labor,	130 13	
Stephen E. Abbott, labor,	27 00	
Henry Gould, labor,	27 00	
William Carter, labor,	22 50	
S. M. Jones, labor,	27 00	
William Hackett, labor,	24 50	
J. F. Nuckley, labor,	21 87	
George Leighton, labor,	9 72	
F. E. Cole, labor,	10 50	
Harry Gray, labor,	58 21	
Thomas Doyle, labor,	50 25	
Frank German, labor,	68 63	
John Gill, labor,	22 75	
Patrick Chandler, labor,	39 28	
Patrick McMullen, labor,	223 86	
Frank McCluskar, labor,	165 73	
John Madden, labor,	4 47	
<i>Amount carried forward,</i>	<hr/> \$6360 21	

Appropriation, March 2nd,		\$7000 00
<i>Amount brought forward,</i>	\$6360 21	
Timothy Madden, labor,	218 59	
Daniel Sullivan, labor,	83	
James Ronan, 1st, labor,	50 94	
James Ronan, 2nd, labor,	5 24	
Alvin Lovejoy, labor,	2 72	
Edward Moulton, labor,	83	
Charles Robinson, labor,	2 00	
William Leary, labor,	204 68	
Patrick Hartnett, labor,	12 44	
Cornelius Cronan, labor,	97	
Hiram Carter, labor,	97	
George E. Murray, labor,	1 75	
Michael Leary, labor,	207 95	
S. A. Lovejoy, labor,	11 50	
Nelson Hibbert, labor,	4 00	
George Ward, labor,	4 50	
Michael Stack, labor,	8 00	
Charles Rea, labor,	5 33	
John Collins, labor,	5 33	
William Knight, labor,	2 91	
John Buckley, labor,	136 21	
James Conway, labor,	3 30	
Randall Hurley, labor,	3 11	
John Maroon, labor,	1 75	
Fred Foster, labor,	2 53	
Total expenditure,	—————	\$7258 59
Overdrawn,		<u>\$258 59</u>

REMOVING SNOW.

Appropriation, March 2nd,		\$500 00
John Haggerty,	\$ 85 75	
Robert W. Holt,	7 17	
Patrick Murphy,	5 81	
Daniel Murphy,	4 37	
George Dane,	1 36	
T. C. Sullivan,	10 36	
William Leary,	4 37	
John J. Noyes,	2 52	
William Clark,	3 30	
Patrick Conway,	4 37	
E. W. Burt,	18 45	
John Marony,	3 11	
C. C. Blunt,	49 05	
Patrick McMullen,	15 87	
Michael O'Connor,	48	
Frank McCuskar,	16 19	
James Ronan,	78	
John H. Clinton,	22 56	
W. H. Carter,	71 24	
Charles Stickney,	4 50	
Phillip Caffrey,	2 25	
Oscar Newcomb,	3 75	
John Poart,	4 50	
Thomas Winton,	3 00	
William H. Tucker,	21 55	
Patrick Harnett,	2 92	
Daniel Donovan,	48	
S. A. Lovejoy,	3 50	
J. T. Lovejoy, salary,	75 00	
Joseph Bourdelais,	31 11	
N. H. Perkins,	22 79	
Warren A. Bailey,	15 75	
William Dane,	1 00	
<i>Amount carried forward,</i>	<u>\$519 21</u>	

Appropriation, March 2nd,		\$500 00
<i>Amount brought forward,</i>	\$519 21	
John Sweeney,	9 80	
J. J. Abbott,	9 35	
Joshua H. Chandler,	5 25	
Daniel Fitzpatrick,	25 36	
S. H. Boutwell,	2 50	
Westley B. Hardy,	1 50	
W. F. Wheeler,	65 00	
John Howell,	4 05	
Thomas O'Hara,	75	
E. S. Hardy,	4 50	
Michael Boyle,	3 40	
T. P. Harriman,	1 25	
Charles Jameson,	1 65	
Andrew Hurley,	75	
Robert O'Hara,	85	
W. Baker,	1 50	
Charles Millet,	1 05	
James Dole,	1 50	
Total expenditure,	—————	\$659 22
Overdrawn,		<u>\$159 22</u>

SIDEWALKS.

Appropriation, March 2nd,		\$1300 00
Re-embursed by abutters,		237 27
		<hr/> \$1537 27
John Leary, labor,	\$ 48 22	
William Leary, labor,	33 00	
John Schofield, labor,	46 47	
Patrick Hodnadd, labor,	49 97	
Timothy Sullivan, labor,	75 05	
John Buckley, labor,	14 00	
Timothy Madden, labor,	108 30	
Patrick Mullen, labor,	35 00	
Frank McCuskar, labor,	27 45	
Andrew Hurley, labor,	12 25	
Timothy Mahoney, labor,	31 50	
Swan Maitson, labor,	38 50	
Michael Leary, labor,	22 50	
George W. Chandler, team,	63 66	
John Ronan, labor,	24 69	
Joseph Magnett, labor,	7 00	
Dennis Riley, labor,	35 00	
W. F. Duffee & Co., concreting,	567 73	
Frank Germain, labor,	22 94	
William Hardney, labor,	10 69	
Thomas Doyle, labor,	6 22	
Harry Gray, labor,	6 22	
John Gill, labor,	7 00	
John Clinton, labor,	36 89	
George W. Chandler, Supt., salary,	150 00	
Total expenditure,	<hr/>	\$1480 25
Balance unexpended,		<hr/> \$57 02 <hr/>

STATE HIGHWAY.

Town of Methuen, roller and watering cart,	\$445 00
Charles Woodburn, labor,	18 98
John McCarthy, paving,	67 00
Treat Hardware Co., pipe,	29 87
P. O'Neil paving,	35 00
J. Ronan, labor,	10 87
W. Barnard, labor,	12 83
W. Bonner, labor,	4 00
M. Cregg, labor,	10 00
W. Raymond, labor,	12 00
P. Daley, labor,	17 50
M. Welch, labor,	7 50
J. Grieves, labor,	3 50
John D. Driscoll,	35 75
E. C. Pike, supplies,	1 45
B. F. Holt, wood,	5 62
Charles McDermitt,	22 94
Henry McLawlin, shovels,	2 45
J. Napier, teaming,	1 50
Joseph T. Lovejoy, Supt.,	57 16
S. A. Lovejoy, labor,	54 00
R. A. Watson, labor,	36 00
George Ward, labor,	29 50
Joseph Bourdelais, labor,	93 84
Peter McGuire,	3 31
John Roger,	3 31
James Hickey,	3 31
T. J. O'Brien, labor,	24 50
J. Donovan,	22 75
Charles O'Harra,	6 00
Thomas Doyle,	3 50
Peter Lynch,	30
Patrick Connolly,	2 72
Daniel Cavney,	4 87
<i>Amount carried forward,</i>	<hr/> \$1088 83

<i>Amount brought forward,</i>	\$1088 83	
Blois Express,	3 25	
T. H. Bentley,	2 50	
Hardy & Cole, lumber,	3 46	
Tuttle Express,	50	
Massachusetts Broken Stone Co.,	505 33	
Timothy Sullivan,	3 50	
Town of North Andover,	13 00	
American Road Machine Co.,	68 85	
W. C. Donald & Co., brick and labor,	2 50	
Unexpended,	19 72	
	<hr/>	\$1711 44
Received from State Treasurer,		\$1711 44
		<hr/> <hr/>

REPORT OF THE HIGHWAY SURVEYOR.

To the Selectmen of the Town of Andover :

GENTLEMEN: I herewith submit the following report of Highways and Bridges for the year ending January 15th, 1897.

On assuming the duties of Highway Surveyor in March, I found the roads in a rather bad condition, owing largely to the heavy rains in February. Several culverts were badly washed, and the expense necessary to repair them was quite large.

The first work was on the culvert on Morton Street east of Bartlet which was washed out by the heavy rainfalls in February. The walks on both sides of the culvert had to be relaid for about twenty (20) feet; and twenty feet of the new culvert on Morton Street extension had to be relaid, and a new cover put in.

About half the culvert across the street near the land of the late Hartwell B. Abbott had to be relaid, and repairs were made on the culvert near the old Ames place in West Andover, and on the one on Summer Street.

New sidewalks have been built on Summer Street from the house of Mrs. Burns to G. E. Morse's. On Maple Avenue from Alex. Lamont's to James Grosvenor's, and along Murray's land in Frye Village. Concrete walks have been laid from Morton to junction of Main and School Streets, on Main. On Bartlet Street from Park Street to Punchard Avenue. The walk in front of St. Augustine's Church was lowered and relaid. A new crossing was laid on Main Street at Locke Street and the walk on Essex Street near the station has been repaired.

Concrete gutters have been laid on both sides of Main Street from Chapel Avenue to Morton Street, with new man-hole and grate, and on Pearson Street a gutter about two hundred feet long has been laid.

The electric car track was raised from Morton Street to Chapel Avenue. This required a great amount of grading, and the street on both sides of the track has been macadamized for about two thousand (2000) feet in length and fifteen feet in width.

The east side of Main Street from the Town House crossing to the crossing in front of Valpey's market has been macadamized, and a paved gutter laid in front of J. W. Barnard's building. About one thousand feet of macadam road has been made on Elm Street from near C. O. Cummings's to S. B. Locke's. This road is eighteen feet wide. Main Street has been macadamized from Harding Street, five hundred feet south and south from Railroad Bridge three hundred feet.

The road scraper has been used with the usual good results. Roads and sidewalks have been gravelled where most needed and as far as the appropriation would allow. Abbott Street from School to Phillips has been gravelled and general repairs made, and also the road near Spring Grove Cemetery.

The road from Spring Grove Cemetery to J. B. Withum's has been graded a large part of the way, and the bushes cut. The Job Abbott hill was badly washed and required grading its entire length. The worst places on the Turnpike from

near the Reading line to Seminary Hill have been gravelled. The Poor Farm road has been gravelled a great part of the way, and three hundred feet of Telford road built.

Considering the many miles of road to be kept in repair, and the many bridges which need attention, the appropriation of \$3000 is very small.

The bridge in Frye Village and Chandler's bridge near Wilmington line need extensive repairs which it was impossible to do this year because of lack of funds.

Respectfully,

GEORGE W. CHANDLER,
Highway Surveyor.

EARNINGS OF TOWN HORSES.

Work on highways, sidewalks and snow,	\$2625 00
Fire department,	84 50
	<hr/>
	\$2709 50
	<hr/>

EARNINGS OF MEN,

F. M. Smith,	\$720 00
J. O. Carter,	600 00
F. E. Morse,	459 40
	<hr/>
	\$1779 40
	<hr/>

HORSES AND DRIVERS.

Appropriation, March 2nd,		\$3000 00
George A. Mayer, harness and repairs,	\$102 10	
Henry McLawlin, supplies,	26 32	
Andover Electric Light Company, light,	18 00	
Brainard Cummings, labor,	3 51	
James O. Carter, care of horses,	600 00	
F. M. Smith, care of horses,	720 00	
F. E. Morse, care of horses,	459 40	
J. H. Campion & Co., grain,	103 80	
Frank E. Gleason, hay and straw,	134 21	
George L. Burnham, Supt., hay,	185 82	
T. P. Harriman, iron work,	77 35	
A. W. Caldwell, paint,	5 52	
Anderson and Bowman, iron-work,	55 40	
J. O'Connell, wood work,	17 50	
J. T. Lovejoy, hay,	46 76	
Smith and Manning, grain,	147 79	
W. H. Higgins, powders,	50	
Geo. S. Fuller, professional services,	8 00	
S. H. Boutwell, hay,	31 75	
J. O'Leary, use of horse,	16 00	
Kress Bros.,	1 21	
W. A. Allen, medicine,	2 00	
Albert A. Hardy, hay,	23 05	
Arthur F. O'Connell, wood work,	6 25	
T. A. Holt and Co., grain,	117 85	
Joseph W. Poor, iron and wood work,	7 15	
Mrs. Lynch, hay,	16 75	
Arthur Bliss, medicine,	1 00	
W. F. Wheeler, snow plow,	60 00	
Boston & Maine Railroad, freight,	36	
Total expenditure,	————	\$2995 35
Balance unexpended,		<u>\$4 65</u>

TOWN OFFICERS.

Appropriation, March 2nd,	\$5000 00
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Auditors of Accounts :

Lewis T. Hardy,	5 00
Louis A. Dane,	5 00
G. A. Higgins,	5 00

Police :

Geo. W. Mears,	600 00
Wm. Wakeley,	81 25
C. E. Knowlton,	76 75
Wm. Gillespie,	30 75
J. W. Mooar,	80 75
W. L. Frye,	51 75
John H. Clinton,	40 75
N. Jaquith, Jr.,	32 75
M. T. Welch,	22 25
M. Kelley,	8 25
W. H. Carter,	11 25
W. H. Goff,	4 00
W. F. Dane,	19 50

Treasurer, Selectmen, Clerk :

George A. Parker,	300 00
Arthur Bliss,	400 00
Samuel H. Boutwell,	300 00
John S. Stark,	300 00
A. Marland,	992 75

Registrars of Voters :

Henry McLawlin,	21 75
Joseph F. Cole,	21 75
John Davey,	24 50
A. Marland,	21 75

Board of Health :

H. F. Wilson,	25 00
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<i>Amount carried forward,</i>	<u>\$3482 50</u>
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Appropriation, March 2nd,	\$5000 00
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<i>Amount brought forward,</i>	\$3482 50
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Election Officers :

Carl Hoffmann and 7 others,	32 00
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P. D. Smith and 6 others,	31 00
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Firewards :

E. S. Hardy and 8 others,	86 00
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Joshua H. Chandler and 18 others,	105 50
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George A. Holt and 30 others,	96 00
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A. McTernan and 11 others,	10 50
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Cheever & Leighton,	16 40
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E. J. Gibbs,	13 90
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J. H. Hovey,	9 20
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A. T. Gould,	30 60
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C. C. Blunt,	17 50
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G. A. Leighton,	11 00
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George A. Morse and 94 others,	296 00
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H. W. Symonds,	90
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James Hill,	6 00
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John B. Jenkins and 37 others,	331 95
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H. S. Neal and 56 others,	247 00
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W. H. Carter,	13 50
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Stephen E. Abbott and 6 others,	23 00
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P. F. Woodbridge,	90
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S. O. Cheever,	4 20
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W. E. Buxton,	2 50
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N. E. Mears,	18 50
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G. W. Harnden,	12 00
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J. C. Hutchinson,	1 20
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Thomas Cooney,	2 70
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R. A. Ward,	3 25
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E. C. Fisher,	2 40
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D. Walker,	2 50
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Geo. W. Chandler,	5 00
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<i>Amount carried forward,</i>	\$4915 60
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Appropriation, March 2nd,		\$5000 00
<i>Amount brought forward,</i>	\$4915 60	
Henry Gray,	6 60	
W. S. Donald and 11 others,	18 00	
T. Jagger and A. Dear,	6 30	
F. W. Chase,	9 00	
C. Buchan,	6 00	
F. A. Woodbridge and 3 others,	30 00	
W. Hardy,	2 00	
E. W. Boutwell,	6 00	
Total expenditure,	<hr/>	4999 50
Balance unexpended,		<hr/> <hr/> 50

FIRE DEPARTMENT.

Appropriation, March 2nd,		\$5000 00
American Hose Co., supplies,	6 90	
George A. Mayer, supplies,	16 25	
J. W. Farnham & Son, supplies,	25 50	
Boston Woven Hose Co., supplies,	12 50	
J. H. Clinton, steward and labor,	53 00	
D. Donovan & Son, glass,	10 85	
John S. Dearborn, stock and labor,	2 50	
W. H. Higgins, teams,	1 50	
Andover Press, supplies,	1 44	
Green & Woodlin, supplies,	18 04	
Wm. H. McTernan, janitor,	156 00	
E. C. Pike, supplies,	46 77	
John E. Hobb, runners,	135 00	
Lawrence Electric Supply Co., vitrol,	3 12	
Hardy & Cole, stock, labor and wood,	1759 96	
T. W. Winton, painting,	2 00	
T. P. Harriman, storage and labor,	9 25	
Henry McLawlin, supplies,	18 49	
F. E. Gleason, wood and coal,	118 49	
<i>Amount carried forward,</i>	<hr/>	\$2397 56

Appropriation, March 2nd,		\$5000 00
<i>Amount brought forward,</i>	\$2397 56	
John A. Riley, supplies,	85	
Tyer Rubber Co., globes,	5 28	
F. G. Haynes and Co., supplies,	3 73	
Stephen Blaney, land,	325 00	
John F. Kimball, surveying lot,	3 00	
J. Napier, teaming,	1 25	
Lewis T. Hardy, engineer,	75 00	
George D. Lawson, engineer,	50 00	
N. E. Mears, engineer,	35 00	
C. E. Knowlton, labor,	5 00	
C. H. Shattuck, paint,	25	
George A. Morse, pay of members,	377 07	
Andover Electric Company, light,	79 20	
Andrew McTernen, engineer,	35 00	
Andrew McTernen, care of Alarm,	25 00	
H. S. Neal, pay of members,	250 00	
John Haggerty, use of horse,	75 00	
B. B. Tuttle, carting,	5 80	
Boston & Maine R.R., car fare and freight,	41 50	
John S. Harnden, engineman and labor,	94 00	
J. W. Poor, supplies,	2 50	
M. Leary, use of horses,	3 00	
C. E. Berry,	5 65	
E. McCabe,	10 45	
C. N. Richardson, on acct. wagon,	1100 00	
Total expenditure,	————	\$5006 09
Overdrawn,		<u>\$6 09</u>

MAINTENANCE WATERWORKS.

Appropriation, March 2nd,	\$4700 00
George A. Parker, Treasurer,	<u>4700 00</u>

TOWN HOUSE.

Appropriation, March 2nd,		\$1000 00
Robert Bell, services,	\$305 00	
Smith & Manning, supplies,	3 10	
H. McLawlin,	6 05	
Andover Electric Co., light,	54 17	
E. C. Pike, repairs and supplies,	21 63	
H. F. Chase, lock,	75	
F. W. Clark, supplies,	2 00	
Burns and Crowley, repairing flag,	75	
Hardy & Cole, flag pole,	58 45	
A. W. Baker, wood,	12 00	
A. McCarthy, work,	6 30	
Masten & Wells, flag,	23 25	
H. Harmon, repairing roof,	13 03	
B. Cumming, labor,	12 67	
M. V. Gleason, labor,	45 35	
F. E. Gleason, coal,	228 50	
John Connolly, labor,	3 00	
S. C. Meader, repairs,	6 01	
Tuttle's Express, teaming rubbish,	1 50	
Hardy & Cole, door latch and labor,	4 11	
D. Donovan & Son, repairs,	14 52	
A. W. Caldwell, repairs,	4 35	
Total Expenditure,	-----	\$826 49
Balance unexpended,		<u>\$173 51</u>

HAY SCALES.

Appropriation, March 2nd,		\$50 00
J. M. Bean, services,	25 00	
Hardy & Cole,	1 08	
Total expenditure,	-----	26 08
Balance unexpended,		<u>\$23 92</u>

SPRING GROVE CEMETERY.

Appropriation, March 2nd,		\$300 00
Sale of lots, etc.,		199 62
		<hr/> \$499 62
Smith & Manning, dressing,	2 89	
Andover Press,	11 50	
O. W. Vennard, services,	88 25	
W. H. Higgins, teams,	4 00	
H. McLawlin, supplies,	3 44	
John Allicon, labor,	115 00	
Phillip Allicon,	125 00	
Joseph Somers, labor,	16 50	
Joseph H. Blunt, labor,	13 50	
W. J. Jones, labor,	12 00	
F. E. Dodge, repairing vault,	35 00	
Hardy and Cole, supplies,	1 75	
T. Haggerty, labor,	26 25	
Norman Meyers,	17 50	
F. G. Haynes & Co., measuring tape,	3 00	
Total expenditure,	<hr/>	\$475 58
Balance unexpended,		<hr/> \$24 04 <hr/>

PRINTING AND STATIONERY.

Appropriation, March 2nd,		\$700 00
Andover Press,	\$606 40	
A. Marland, stamps,	16 59	
J. N. Cole, supplies,	10 53	
G. A. Parker, envelopes,	32 70	
Henry A. Meek, blanks,	3 50	
Greenough & Co., ink,	2 00	
Thomas Groom & Co., tax book,	14 13	
William G. Goldsmith, envelopes,	11 80	
Total expenditure,	<hr/>	697 65
Balance unexpended,		<hr/> \$2 35 <hr/>

STREET LIGHTING.

Appropriation, March 2nd,	\$3700 00
Andover Electric Co.,	3677 68
Balance unexpended,	<u>\$22 32</u>

MEMORIAL DAY.

Appropriation, March 2nd,	\$200 00
B. Cummings, Quartermaster, Post 99, G.A.R.,	<u>200 00</u>

INSURANCE ACCOUNT.

Appropriation, March 2nd,	\$500 00
Joseph A. Smart, Agent,	573 15
Overdrawn,	<u>\$73 15</u>

INTEREST.

Appropriation, March 2nd,	\$10000 00
Andover National Bank,	\$1396 24
N. Jaquith,	200 00
Blake Bros.,	160 00
Memorial Hall Notes,	1400 00
Grace M. Whittemore,	20 00
P. N. Allen,	10 00
Andover Water Bonds,	6548 33
S. A. Mason,	20 00
Total paid,	<u>9754 57</u>
Unexpended	<u>\$245 43</u>

REDEMPTION OF BONDS.

Appropriation,	\$5000 00
George A. Parker, Treasurer,	<u>5000 00</u>

NOTES DISCOUNTED.

1895, Feb.	3,	Note No. 42,	\$4000 00
March	9,	Note No. 43,	4000 00
April	6,	Note No. 44,	4000 00
April	20,	Note No. 45,	13000 00
May	4,	Note No. 46,	10000 00
June	1,	Note No. 47,	10000 00
June	5,	Note No. 48,	1000 00
July	6,	Note No. 49,	1500 00
July	6,	Note No. 50,	4000 00
Aug.	3,	Note No. 51,	4000 00
Oct.	3,	Note No. 52,	5000 00
Nov.	9,	Note No. 53,	5000 00
Nov.	6,	Note No. 54,	1500 00
1897, Jan.	20,	Note No. 55,	13000 00
Jan.	20,	Note No. 56,	9000 00
Amount discounted,			<u>\$89000 00</u>

NOTES PAID.

1896, April	21,	No. 41,	\$13000 00
Sept.	3,	No. 42,	4000 00
Oct.	5,	No. 13,	5000 00
Oct.	8,	No. 43,	4000 00
Oct.	20,	No. 17,	500 00
Nov.	4,	No. 46,	10000 00
Nov.	6,	No. 44,	4000 00
Nov.	11,	No. 48,	1000 00
Nov.	11,	No. 50,	4000 00
Nov.	20,	No. 45,	13000 00
Nov.	4,	No. 47,	10000 00
Nov.	11,	No. 49,	1500 00
Nov.	1,	No. 22,	4000 00
Dec.	4,	No. 23,	500 00
1897, Jan.	14,	No. 53,	5000 00
Jan.	20,	No. 55,	13000 00
Total,			<u>\$92500 00</u>

ABATEMENT OF TAXES.

Appropriation, March 2nd,		\$300 00
S. F. E. Company, No. 1, poll-taxes,	\$42 00	
S. F. E. Company, No. 2, poll-taxes,	20 00	
George A. Parker, Treasurer,	203 07	
Total expenditure,	<hr/>	265 07
Balance unexpended,		<hr/> <hr/> \$34 93

STATE TAX.

Appropriation, March 2nd,	\$6000 00
E. P. Shaw, Treasurer,	4432 53
Balance unexpended,	<hr/> <hr/> \$1567 47

COUNTY TAX.

Appropriation, March 2nd,	\$5000 00
E. K. Jenkins, Treasurer,	4486 98
Balance unexpended,	<hr/> <hr/> \$513 02

DOG TAX.

E. K. Jenkins, County Treasurer,	\$551 67
J. A. Smart, Treasurer Memorial Hall.	551 67
	<hr/> <hr/>

SINKING FUND.

Appropriation, March 2nd,	\$675 00
Geo. A. Parker, deposited in Savings Banks,	675 00
	<hr/> <hr/>

SEWERS.

Appropriation,	\$100 00
John N. Cole, books and files,	\$ 2 77
W. S. Jenkins, exp. paid to Brentwood,	7 85
Total expenditure,	<hr/>
Balance unexpended,	10 62
	<hr/> <hr/> \$89 38

DRINKING FOUNTAIN.

Appropriation, March 2nd,		\$275 00
Henry W. Clapp, estate,	\$95 00	
Boston & Maine R. R.,	2 52	
E. C. Pike,	35 89	
Andover Waterworks,	141 59	
	<hr/>	<u>\$275 00</u>

STATE AID.

Appropriation, March 2nd,		\$1600 00
Charles H. Bell,	\$48 00	
Robert Bell,	48 00	
Lucy M. Buxton,	48 00	
Benjamin Cheever,	72 00	
Betsey J. Cheever,	48 00	
Samuel Cheever,	48 00	
George Craig,	72 00	
Ellen Craig,	48 00	
Lemuel P. Cram,	72 00	
Deborah M. Cushing,	48 00	
Amelia Cutler,	48 00	
Elmore Dane,	36 00	
Augustus M. Davis,	48 00	
Rhoda Davis,	48 00	
John S. Dearborn,	72 00	
Theodore A. Gibbs,	72 00	
Phoebe Greene,	20 00	
William S. Hodgman,	72 00	
John C. Hovey,	48 00	
Ann Hunter,	48 00	
Sarah M. Hardy,	48 00	
Lizzie A. Johnson,	48 00	
John McKenzie,	72 00	
Bridget McCullough,	48 00	
<i>Amount carried forward,</i>	<hr/>	\$1280 00

Appropriation, March 2nd,		\$1600 00
<i>Amount brought forward,</i>	\$1280 00	
James McDonald,	48 00	
John McCarthy,	9 00	
Charles Mears,	48 00	
John P. Morgan,	72 00	
William B. Morse,	60 00	
George W. Parker,	48 00	
Joseph Russell,	48 00	
Martha Russell,	48 00	
Richard W. Simonds,	72 00	
Henry Shaw,	36 00	
Laura F. Smith,	48 00	
Nancy M. Travis,	48 00	
Mary A. Wardwell,	12 00	
Total expenditure,	————	1877 00
Overdrawn,		<u>\$277 00</u>

The State Aid is paid to disabled soldiers — (and their wives) — and soldiers' widows who draw pensions from the U. S. Government. It is paid only upon the approval of the Commissioners of State Aid. The whole amount is repaid to the Town by the State.

MILITARY AID.

Appropriation, March 2nd,		\$300 00
Joseph G. Nolan,	\$96 00	
Charles D. Woodbridge,	96 00	
Total expenditure,	————	192 00
Balance unexpended,		<u>\$108 00</u>

The Military Aid is paid to disabled soldiers who do not draw pensions. It is paid only upon the approval of the Commissioners of State Aid. One half of the amount is repaid to the Town by the State.

MISCELLANEOUS.

Appropriation, March 2nd,	\$1500 00
H. McLawlin, supplies firewards,	\$ 59 66
T. E. Rhodes, food,	2 80
Boston & Maine Railroad,	23 13
W. H. Higgins, teams for police and other officers,	110 50
J. F. Richards, M.D., returning births,	3 75
M. J. Mahoney, returning births,	3 50
A. Marland, postage,	10 50
Tuttle's Express, teams,	4 80
Charles H. Newton, cattle inspection, '95,	150 50
W. J. Reid, labor,	90
D. H. Poor, teller counting vote,	2 00
James Ronan, labor,	9 00
T. P. Harriman, labor and hooks,	75
P. McMullen, labor,	8 00
John Haggerty, labor,	7 00
O. Chapman, meals,	5 25
Kress Bros., damages,	43 50
J. Napier, carting boats,	1 75
A. Poland, labor,	11 00
American Express,	2 95
John H. Clinton, repairs on "old school house,"	6 88
B. Rogers, posting warrants and teller,	11 00
Frank McCuskar, labor,	1 75
B. Cummings, supplies for dragging river,	70
J. H. Chandler, labor on guide boards,	2 00
Anderson & Bowman, ice chisel,	1 25
Thos. F. Carney, attorney, damages,	175 00
Harwood Bros., police supplies,	21 00
J. E. Keeland, stabling teams,	2 25
Joseph W. Poor, damages,	3 00
<i>Amount carried forward,</i>	<hr/> \$686 07

Appropriation, March 2nd,		\$1500 00
<i>Amount brought forward,</i>	\$686 07	
J. T. Lovejoy, court fees,	7 50	
Blois Express, carting rubbish,	2 25	
Joseph Jackson, meals for witnesses,	5 00	
C. A. Frost, supplies for firewards,	13 20	
R. C. Reed, supplies for firewards,	10 00	
W. U. Telegraph Co.,	2 55	
J. W. Dean, police supplies,	95 50	
Briggs & Allyn, police supplies,	11 25	
G. A. Mayer,	3 75	
Thos. Murphy, supplies for firewards,	21 75	
Daniel Lane, damages,	100 00	
John McCarthy, work on brook,	40 00	
George H. Poor, services,	40 00	
George E. Johnson, census children,	40 00	
C. E. Abbott, M.D., vaccination children,	76 00	
F. H. Farmer, bound stones,	7 50	
D. J. Winton, use of team,	1 50	
Brown & Shattuck, telephone,	12 70	
J. A. Leitch, services,	1 50	
Henry Henrikson, use of team,	1 50	
John H. Clinton, janitor work,	3 75	
C. H. Newton, cattle inspector, '96,	236 25	
J. S. May, special watchman,	40 00	
Andover Press, legal notices,	9 00	
Henry Gray, special watchman,	2 00	
John Maddox, wood,	6 00	
James Poland, special watchman,	6 00	
Albert Fagerstrom, lodgings,	2 52	
A. W. Caldwell, painting signs,	3 00	
G. W. Mears, car fare, feeding prisoners, etc.,	9 70	
James Lindsay, labor,	1 50	
Total expenditure,	<hr/>	1499 24
Balance unexpended,		<hr/> \$0 76 <hr/>

250TH ANNIVERSARY.

Appropriation,	\$4500 00
Receipts from Banquet,	730 50
Receipts from Loan Collection,	87 20
	<hr/>
	\$5317 70

HISTORICAL TABLEAUX.

A. L. Ripley, chairman com.,	\$ 395 36
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CHILDREN'S ENTERTAINMENT.

Andover Press, badges,	\$33 25	
C. F. Parker, fruit,	4 00	
Misses Bradley, ribbon,	2 00	
Tuttle's Express,	70	
O. P. Chase, supplies,	7 48	
W. H. Higgins, teams,	6 50	
E. C. Pike, supplies,	1 00	
O. E. Ryther, entertainment,	40 00	
Dyer & Co., piano,	8 00	
E. McLawlin, expenses,	2 50	
J. W. Smith, expenses,	50	
	<hr/>	105 93

LOAN COLLECTION.

American Express,	\$2 85
Col. Beals, decorations,	5 00
S. P. Hulme, services,	4 50
Catherine Allen, spinning,	12 25
L. E. Mason, spinning,	7 50
Smith & Manning, cloth,	2 00
S. J. Marland, envelopes, stamps,	
etc.,	7 87
J. E. Holt, labor,	50

Amounts carried forward,. \$42 47 \$501 29 \$5317 70

<i>Amounts brought forward,</i>		\$ 42 47	\$501 29	\$5317 70
Andover Press, catalogues,	115 75			
Hardy & Cole, labor and materials,	28 96			
B. B. Tuttle, teaming,	19 50			
J. Napier, teaming,	1 65			
Blois Express, teaming,	10 00			
W. A. Howell, labor,	6 00			
H. P. Noyes, labor,	11 49			
W. H. Sleath, police,	1 00			
C. E. Knowlton, police,	56 50			
S. J. Bucklin, typewriting,	19 40			
G. A. Higgins & Co., supplies,	4 55			
Andover Press, cards for sites and paper,	43 10			
J. H. Tattershall, labor and show cases,	33 50			
	<hr/>		393 87	

BANQUET.

B. F. Smith, paid laborers,	\$ 10 00			
J. D. Valequet, dinner,	800 00			
Donovan, McGlynn & Boyle, labor,	6 00			
Abbott Erving, labor,	10 75			
Blois Exp., freight and express,	14 65			
J. H. Flint, laborers and rope,	3 75			
Wm. Marland, telephone,	1 80			
J. Martin & Son, tent,	149 24			
Hardy & Cole, labor in tent,	164 10			
H. P. Noyes, use of chairs,	3 50			
Andover Press, tickets and songs,	12 50			
T. Murphy, food,	3 50			
	<hr/>		1179 79	
<i>Amount carried forward,</i>			<hr/>	\$2074 95 \$5317 70

Amounts brought forward,

\$2074 95 \$5317 70

MUSIC.

H. P. Noyes, moving chairs,	\$ 1 87
J. Thomas Baldwin, music,	147 25
Andover Brass Band, music,	142 00
Hardy & Cole, labor and lumber,	32 17
H. C. Tanner, dinner,	67 60
T. Murphy, dinner,	5 25
Electric Co., lights,	4 00
Tuttle Express, teaming,	1 25
Blois Express, teaming,	1 85
Andover Press, tickets,	75
Haverhill City Band, music,	114 00
Waltham Band, music,	147 25

665 24

DECORATIONS.

Col. Beals Decorating Co.,	\$300 00
Tuttle Express, teaming,	2 50
Hardy & Cole, labor,	5 23
Electric Co., electrical work,	38 50
W. H. Higgins, teams,	11 00
G. D. Millett, plants,	5 00

362 23

TRANSPORTATION.

W. H. Higgins, carriages,	250 00
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SALUTE AND FIREWORKS.

S. B. Locke, use of land,	\$ 20 00
T. Murphy, board for men,	3 00
Hardy & Cole, labor,	10 00
John L. Smith, paid bell ringers,	4 00
Masten & Wells, fireworks,	467 00

504 00
Amounts carried forward,

\$3856 42 \$5317 70

Amounts brought forward, \$3856 42 \$5317 70

PROCESSION.

A. W. Mitchill Co., badges,	\$32 00	
Andover Press, circulars,	1 25	
G. W. Simmons & Co., batons,	3 15	
	<hr/>	36 40

TRADES EXHIBIT.

Tuttle Express, teaming,	\$0 50	
Electric Co., labor,	6 50	
Andover Press, signs,	2 00	
	<hr/>	9 00

INVITATION AND GUESTS.

Andover Press, invitations and badges,	\$108 34	
J. W. Churchill, carriage,	3 00	
	<hr/>	111 34

SPORTS.

Andover Press, badges and pro- grammes,	\$25 25	
Peabody Whitney Co., cricket balls,	5 00	
Simpson Crawford, medals,	78 50	
	<hr/>	108 75

MISCELLANEOUS.

F. L. Norton, report speeches,	\$25 42	
Andover Press,	92 40	
John N. Cole, clerk, postage and books,	10 35	
Robert Bell,	15 00	
W. H. Higgins,	3 00	
	<hr/>	146 17

Amounts carried forward, \$4268 08 \$5317 70

Amounts brought forward, \$4268 08 \$5317 70

ORATION.

O. W. Vennard, 4 00

POLICE.

H. C. Tanner, \$ 6 50

T. Murphy, 3 75

John H. Clinton, 4 50

W. H. Sleath, 4 50

W. L. Frye, 9 00

W. H. Carter, 4 75

L. F. Hitchcock, 4 75

W. H. Goff, 2 50

W. Gillespie, 4 25

M. T. Welch, 5 75

D. W. Kimball and three others, 18 00

H. C. Hill and three others, 20 00

William Wakely, 4 50

N. Jaquith, Jr., 7 50

J. W. Mooar, 8 50

M. Kelley, 4 25

Total expenditure,

113 00

4385 08

Balance unexpended,

\$932 62

Schedule of Town Property.

Town House, fixtures, and furniture,	\$22000 00
Land,	4000 00
School-house property,	114500 00
Punchard School Fund,	75200 00
Memorial Hall and Land,	28500 00
Memorial Hall permanent Fund,	20000 00
Memorial Hall Library, John Byers Fund,	5000 00
Memorial Hall Library and Furniture,	9000 00
Town Farm and buildings,	12000 00
Personal property at Town Farm,	3585 00
Two Engine-houses and Shed,	12000 00
Two Steam Fire-engines and apparatus,	10000 00
One Hand-engine and apparatus,	200 00
One Hook and Ladder Truck,	400 00
Five Horses,	1000 00
Stone Breakers and Engine,	3200 00
Carts, Harnesses, and Tools,	500 00
Waterworks Property,	200000 00
Six Reservoirs,	2000 00
Indian Ridge Land,	4000 00
Spring Grove Cemetery and Receiving Tomb,	7000 00
Hay Scales,	350 00
Safe in Town House,	450 00
Weights and measures,	325 00
Total,	<u>\$535,210 00</u>

SUMMARY OF APPROPRIATIONS AND RECEIPTS.

Abatement of Taxes,	300 00
Almshouse Expenses,	4000 00
County Tax,	5000 00
Dog Tax,	551 67
Drinking Fountain (see Art. 14)	275 00
Fire Department, Running Expenses,	2000 00
New Apparatus and Engine House changes,	3000 00
Hay Scales,	50 00
Highways and Bridges, Repairs on	3000 00
Horses and Drivers,	3000 00
Insurance,	500 00
Interest on Notes, Funds, and Bonds,	10000 00
Macadamized Roads,	4000 00
Memorial Day,	200 00
Military Aid,	300 00
Miscellaneous,	1500 00
Printing and Stationery,	700 00
Public Dump, (see Art. 20)	25 00
Relief out of Almshouse,	5000 00
Removing Snow,	500 00
Repairs on Almshouse,	500 00
Schools,	19600 00
School-Books and Supplies,	1500 00
School-Houses,	3000 00
Sidewalks, (\$700 of which to be expended under "betterment act")	1300 00
Sinking Fund,	675 00
Spring Grove Cemetery,	300 00
State Aid,	1600 00
State Highway,	1711 44
State Tax,	6000 00
Street Lighting,	3700 00
Town House,	1000 00
Town Officers,	5000 00
Waterworks, Maintenance,	4700 00
250th Anniversary,	5317 70

SUMMARY OF SELECTMEN'S ORDERS.

Abatement of Taxes,	\$265 07
Almshouse Expenses,	4390 83
County Tax,	4486 98
Dog Tax,	551 67
Drinking Fountain,	275 00
Fire Department,	5006 09
Hay Scales,	26 08
Highways and Bridges,	7258 59
Horses and Drivers,	2995 35
Insurance,	573 15
Interest,	9754 57
Memorial Day,	200 00
Military Aid,	192 00
Miscellaneous,	1499 24
Printing and Stationery,	697 65
Redemption of Bonds,	5000 00
Relief out of Almshouse,	6064 96
Removing Snow,	659 22
Repairs on Almshouse,	439 32
Schools,	18671 50
School-books and School supplies,	1506 58
School-houses,	2993 31
Sewer Commissioners,	10 62
Sidewalks,	1480 25
Sinking Fund,	675 00
Spring Grove Cemetery,	475 58
State Aid,	1877 00
State Highway,	1711 44
State Tax,	4432 53
Street Lighting,	3677 68
Town House,	826 49
Town Officers,	4999 50
Waterworks, Maintenance,	4700 00
250th Anniversary,	4385 08

Overseers of Poor.

The almshouse is in charge of Mr. and Mrs. George L. Burnham, whose management is entirely satisfactory to the overseers.

ALMSHOUSE EXPENSES.

Appropriation, March 2nd,	\$4000 00
Smith and Manning, groceries,	\$476 19
George A. Mayer, harness repairs,	9 40
George Saunders, supplies,	1 35
Henry McLawlin, hardware,	92 34
George L. Burnham, superintendent,	700 00
George L. Burnham, car fares ac. removing paupers,	20 95
G. Louis Burnham, labor,	267 00
Norah Bowler, housework,	190 00
Louis Pierce, labor,	226 00
Boston & Maine R. R., freight,	43 11
L. F. Murch, manure,	71 37
Jason Fuller, manure,	26 70
H. L. Bowden & Co., fruit trees and shrubs,	7 00
J. H. Russell, tomato plants,	6 00
Lizzie Thompson, sewing,	6 00
George O. Adams, stock and labor,	3 00
Jennie Wiggins, housework,	14 00
T. J. Farmer, fish,	86 64
E. C. Pike, supplies,	26 15
T. P. Harriman, blacksmith work,	20 30
<i>Amount carried forward,</i>	<u>\$2293 50</u>

Appropriation, March 2nd,		\$4000 00
<i>Amount brought forward,</i>	\$2293 50	
J. E. Sears, shoes,	34 30	
H. F. Chase, supplies,	1 60	
F. E. Gleason, coal,	323 56	
Bicknell Bros., clothing,	33 98	
E. W. Pierce, grain,	251 06	
Woodlawn Dairy Co., provisions,	8 10	
J. P. Wakefield, provisions,	190 13	
T. A. Holt & Co., groceries,	343 51	
J. W. Barnard & Son, shoes,	12 75	
George L. Averill, fertilizer, seeds, etc.	64 40	
O. P. Chase, papers,	6 82	
Anderson & Bowman, blacksmith work,	38 80	
McDonald & Hannaford, harness work,	73 70	
J. H. Campion & Co., groceries,	43 34	
Valpey Brothers, provisions,	227 69	
A. Marland, Town Clerk, dog tax,	2 00	
J. W. Poor, wheelwright work,	13 35	
Schlegel & Fottler, seeds,	11 58	
F. Putnam & Co., potatoes,	10 50	
Beach Soap Co., soap,	9 14	
S. H. Boutwell, cabbage plants,	5 00	
B. H. Farnum, lumber,	8 20	
Donovan & Son, painting,	3 00	
A. B. Bruce, bread,	14 35	
John E. Hutcheson, fish,	28 68	
George S. Fuller, veterinary services,	9 00	
Barnett Rogers, rent of pasture,	15 00	
H. H. Church & Co., provisions,	10 00	
Est. of John H. Dean, clothing,	6 00	
George W. Herrick, supplies,	2 00	
Norfolk Manufacturing Co., soap,	7 50	
Small and Jones, groceries,	18 35	
Reid & Hughes, dry goods,	90 78	
<i>Amount carried forward,</i>	<hr/> \$4211 77	

Appropriation, March 2nd,		\$4000 00
<i>Amount brought forward,</i>	\$4211 77	
D. A. Carlton, cows,	80 00	
A. Ward, supplies,	7 00	
John O'Connell, wheelwright work,	25	
J. F. Winchester, veterinary services,	6 50	
Lawrence Rubber Co., rubber goods,	4 95	
J. E. Reynolds & Son, making cider,	5 00	
Andover Press, advertising,	3 50	
Arthur Bliss, medicine,	28 95	
J. A. Leitch, medical attendance,	2 00	
Charles Jameson, killing hogs,	4 00	
Thomas Murphy, bread,	17 66	
B. F. Holt, ice,	18 00	
H. P. Noyes, furniture,	1 25	
Total expenditure,	————	\$4390 83
Overdrawn,		<u>\$390 83</u>

REPAIRS ON ALMSHOUSE.

Appropriation, March 2nd,		\$500 00
E. C. Pike, labor and stock,	88 18	
A. W. Caldwell, painting,	38 96	
Brainard Cummings, labor and stock,	87 40	
Asphalt Roofing Co., roofing,	80 00	
Hardy & Cole, labor and stock,	101 28	
Oliver Whyte & Co., iron work,	34 50	
M. V. Gleason, labor and stock,	9 00	
Total expenditure,	————	\$439 32
Balance unexpended,		<u>\$60 68</u>

RELIEF OUT OF ALMSHOUSE.

Appropriation, March 2nd,		\$5000 00
Joseph Hird,	3 80	
Children of Elizabeth Hayes,	146 00	
<i>Amount carried forward,</i>	————	\$149 80

Appropriation, March 2nd, \$5000 00

Amount brought forward, \$149 80

Ellen Connors,	\$103 49	
Susan Goodwin,	71 68	
John D. Lynch,	120 00	
John Porter,	5 25	
Rosetta Morrison,	60 00	
William H. Hodgman,	76 78	
Jessie Baxter,	98 35	
Child of Annie Qualey,	104 00	
Delina Jones,	24 00	
Mrs. L. M. Mason,	87 50	
Georgiana Shattuck,	37 00	
Edward White,	3 70	
Walter Bailey,	39 00	
Samuel O. Cheever,	23 81	
Kate Tobin,	60 05	
Michael Troy,	104 71	
John Buckley,	45 25	
Mary Holland,	4 00	
Mrs. Campbell,	39 00	
James Oldroyd,	76 54	
Julia Cotter,	70 67	
Johannah Holland,	96 00	
Kate Rogers,	175 22	
Mary Comber,	158 35	
Kate Forsaith,	48 00	
Mary Fenlason,	90 95	
Sarah McCready,	111 18	
Tramps, care of	3 50	
Mary Lord,	132 50	
Robertina Crockett's family,	172 17	
Elizabeth McGovern,	26 25	
Mrs. J. Smith,	26 50	
	<hr/>	\$2295 40

Amount carried forward, \$2445 20

Appropriation, March 2nd, \$5000 00

<i>Amount brought forward,</i>	\$2445 20
Hannah Connelly,	48 00
Mrs. Wm. B. Osgood,	96 75
David Mountain,	65
Railroad fares and expenses look-	
ing up pauper settlement,	43 40
Telephone,	1 40
	<hr/> \$190 20

SOLDIERS' RELIEF.

George Craig,	\$96 00
Benjamin Cheever,	115 50
Mary Russell,	48 00
Theodore A. Gibbs,	42 00
Jane Lindsay,	32 25
Ann Ahearne,	48 00
George E. Pike,	240 00
Elmore Dane,	108 00
John C. Hovey,	9 45
Emma Shattuck,	132 22
	<hr/> \$871 42

PAID ON ACCOUNT OF COMMONWEALTH.

Moses W. Dearborn,	\$16 50
W. J. Reed,	82 15
John Fraize,	24 85
Martin Lundgren,	20 00
Charles Baker,	99 53
Julia Doucette,	5 00
Bernard Sweeney,	4 00
	<hr/> \$252 03
<i>Amount carried forward,</i>	<hr/> \$3758 85

Appropriation, March 2nd, \$5000 00

Amount brought forward, \$3758 85

PAID ON ACCOUNT OF CITIES AND TOWNS.

Lynn, Lizzie A. Abbott,	\$ 65 00	
Lowell, Jabez Kendrick,	10 58	
Lawrence, Daniel Peason,	12 25	
Carlisle, Frank Hatch,	28 00	
Lawrence, Charles Cheever,	7 40	
Lawrence, Mary Donahue,	109 50	
	<hr/>	\$232 73

PAID ON ACCOUNT OF CITIES AND TOWNS.

SOLDIERS' RELIEF.

Boston, Lemuel P. Cram,	\$ 3 00	
No. Reading, Caroline McIntire,	32 25	
	<hr/>	\$35 25

PAID CITIES AND TOWNS.

Haverhill, Mary E. Hastings,	\$ 3 30	
Lawrence, Mrs. J. M. Abbott,	60 00	
Rockland, Sariah D. Noland,	75 50	
Haverhill, Joseph English,	17 96	
	<hr/>	\$156 76

PAID CITIES AND TOWNS.—SOLDIERS' RELIEF.

Lawrence, Miss Jane Lindsay,	\$44 00	
Lowell, John Dorsey,	2 25	
Boston, Mrs. Nathan H. Gray,	18 18	
	<hr/>	\$64 43

LUNATIC HOSPITALS.

Danvers, Mary Riley,	\$169 92	
Danvers, George F. Stevens,	169 94	
	<hr/>	\$339 86

Amount carried forward, \$4587 88

Appropriation, March 2nd,		\$5000 00
<i>Amount brought forward,</i>	\$4587 88	
Danvers, Olga Mayer,	169 94	
Danvers, William B. Osgood,	169 94	
Danvers, Henry Smith,	80 78	
Medfield, Henry Smith,	76 80	
Danvers, Bridget Dwane,	169 93	
Danvers, Bridget Hayes,	169 92	
Danvers, Maurice A. Malone,	169 92	
Danvers, Charles L. Holt,	129 99	
	<hr/>	\$1137 22
Total expenditure,		\$5725 10
Overdrawn,		<hr/>
		\$725 10
		<hr/>

SUMMARY OF OVERSEERS' ORDERS.

Total Appropriation, March 2nd,		\$9500 00
Almshouse expenses,	\$4390 83	
Relief out of Almshouse,	5725 10	
Repairs on Almshouse,	439 32	
Total expenditure,	<hr/>	\$10555 25
Overdrawn,		<hr/>
		\$1055 25
		<hr/>

REPRESENTATIVE FUND.

The interest on this fund has been given this year to Mrs. Mary Fenlason.

The running expenses of the Town Farm will be about the same as last year.

Respectfully submitted,

ARTHUR BLISS,	} Overseers
SAM'L H. BOUTWELL,	
JOHN S. STARK,	
	} of Poor.

Superintendent's Report.

ALMSHOUSE.

Whole number of paupers in Almshouse during the year,	29
Whole number of weeks' board,	1391

Average weekly expense for each inmate, first deducting the amount sold from the farm from the expense of the Almshouse, was	\$1 80
--	--------

Whole number of tramps, 128.

REMAINING IN ALMSHOUSE.

Between eighty and ninety,	3
Between seventy and eighty,	4
Between sixty and seventy,	3
Between fifty and sixty,	3
Between forty and fifty,	5
Between thirty and forty,	1
Between twenty and thirty,	2
Between ten and twenty,	1
Between one and ten,	1
Total,	<hr/> 23

Number at beginning of the year,	22
Number admitted,	7
Number discharged,	3
Number died,	1

Mary Jane Parker, died July 23, 1896, aged 63.

PERSONAL PROPERTY AT THE ALMSHOUSE.

Household furniture,	\$1000 00
Clothing,	500 00
Farm stock,	450 00
Farm tools,	700 00
Farm produce,	400 00
Fuel,	165 00
Provisions,	100 00
Total,	<u>\$3315 00</u>

SUPERINTENDENT'S FARM ACCOUNT.

Dr.

To cash received for

Hay,	301 94
Cows,	128 30
Vegetables,	409 67
Eggs and Poultry,	47 08
Labor,	345 41
Board,	42 00
Milk,	475 86
Pigs,	62 75
Lumber,	20 87
Gravel,	12 30
Pasturing Cows,	22 75
	<u>\$1868 93</u>

Cr.

By cash paid Town Treasurer,	<u>\$1868 93</u>
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The running expenses of the Town Farm will be about the same as last year.

GEORGE L. BURNHAM, SUPT.

ANDOVER, Mass., Jan. 13, 1897.

Fire Department.

REPORT OF THE CHIEF ENGINEER.

TO THE BOARD OF SELECTMEN :

Gentlemen,—In compliance with the regulations of the Fire Department, I submit the following report :

The force consists of four Engineers, eighteen members of Steamer Co. No. 1, and Hook and Ladder Truck, and ten members of the J. P. Bradlee Hose Co. No. 1.

The apparatus consists of two third-class steam fire engines with hose carriage for each, one two-horse hose wagon, two hook and ladder trucks, one one-horse hose wagon, and one supply wagon. There are about five thousand feet of hose in good condition.

There have been thirteen alarms of fire the past year :

- Mar. 16. Barn, Trustees P. A.
- April 6. At residence W. M. Wood.
- April 30. House, Ezra L. Abbott.
- May 10. Woods, W. M. Wood.
- May 18. Woods, Scotland District.
- May 19. Wood, J. P. Butterfield.
- June 15. House, Thomas Howell Estate.
- June 23. Gymnasium, Trustees P. A.
- July 3. Hat Shop, Ballard Vale.
- July 24. Draper Hall, A. A.
- July 31. False alarm.
- Aug. 26. False alarm.
- Nov. 13. Wood shed, Richardson Estate.

SCHEDULE OF PROPERTY.

Two Engine-houses and shed,	\$13500 00
Two Steam fire-engines and apparatus,	4000 00
Three horses and harnesses,	500 00
B. F. Smith hook and ladder truck,	250 00
New hook and ladder truck,	1400 00
Two hose wagons,	800 00
Hand engine,	200 00
Total,	<hr/> \$20650 00

I recommend an appropriation of \$2500 for the running expenses of the ensuing year.

I also recommend an appropriation of \$2000 for a fire alarm, \$3800 for a new steam fire engine, \$500 for hose, and \$200 for repairs on engine house.

Respectfully submitted,

LEWIS T. HARDY,

Chief Engineer.

Andover, Mass., Feb. 7, 1896.

Police Department.

REPORT OF THE CHIEF OF POLICE.

TO THE BOARD OF SELECTMEN :

Gentlemen,— In compliance with the regulation of the Police Department, I submit my second annual report.

ARRESTS.

The whole number of arrests for the year has been sixty-four (64) for the following causes :

Assault and Battery,	5
Adultery,	2
Disturbing the peace,	7
Drunkenness,	6
Exposure of Person,	1
For out-of-town officers,	2
Insane,	6
Illegal Sale of Liquor,	3
Keeping unlicensed dogs,	1
Liquor Nuisance,	1
Larceny,	1
Larceny from building,	1
Larceny from person,	1
Safe Keeping,	2
Vagrants,	4
Violation of Town By-Laws,	21
Whole number of arrests,	— 64

Disposal of cases :

Bound over to Grand Jury,	4
Committed to Lawrence Jail,	7
Committed to Danvers Insane Asylum,	6
Committed to Tewksbury Almshouse,	3
Discharged at court,	7
Paid fines,	30
Prisoners turned over to out of town officers,	2
Placed on file by paying costs of court,	2

MISCELLANEOUS.

Burglaries reported,	8
Doors found open in stores and secured,	4
Persons locked up,	31
Value of property reported stolen,	\$250 00
Value of property recovered,	100 00
Value of equipments in the hands of Police,	120 00
Amount of fines paid to Town Treasurer,	365 00

Respectfully submitted,

GEORGE W. MEARS,

CHIEF OF POLICE.

Cemetery Committee.

The Cemetery Committee herewith submit their annual report with a statement of the receipts and expenditures for the year ending January 1, 1897.

The cemetery has been, as in the past few years, under the care of Mr. Vennard as Superintendent, and the grounds and avenues well kept and improved.

During the past year a large portion of the pine growth in the cemetery had to be cut on account of damage by fire. After careful examination by the committee they were unanimous in the opinion that it would be for the best interest of the town to sell the damaged wood, reserving such trees as would be likely to live, thus securing what values there were at this time rather than cause an expense of removing it in the near future.

Your committee would recommend that an appropriation of \$300.00 and the proceeds of the sale of lots be made for the care of the cemetery for the coming year.

WM. S. JENKINS,
JAMES P. BUTTERFIELD,
JOHN L. SMITH,
GEORGE W. FOSTER,
F. G. HAYNES,
CHARLES GREENE,
OLIVER VENNARD.

CEMETERY COMMITTEE.

Andover, Feb. 15, 1897.

REPORT OF SUPERINTENDENT OF SPRING GROVE CEMETERY.

CR.

Appropriation,	\$300 00	
Sale of lots,	199 62	
	<hr/>	\$499 62

DR.

Selectmen's Orders,	475 58	
Balance unexpended,	\$24 04	
	<hr/>	

Received from Town as per last Report,	\$11411 02	
Received from Town this year,	300 00	
Received from sale of lots, wood, etc.,	6594 67	
	<hr/>	\$18305 69

Less amount paid Town Treasurer, proceeds of sale of standing wood in previous years,	1071 79	
	<hr/>	\$17233 90

Cost of land,	\$3000 00	
Cost of improvements, as per last Report,	13734 28	
Cost of improvements this year,	475 58	
	<hr/>	\$17209 86
Balance unexpended,	24 04	
	<hr/>	\$17233 90

Lots sold as per last Report,	224	
Lots sold this year,	7	
	<hr/>	231
Whole number of single graves sold,		35
Interments as per last Report,	477	
Interments this year,	22	
	<hr/>	499

Respectfully submitted,

O. W. VENNARD,

Superintendent.

Tax Collector's Account.

Abraham Marland in Account with the Town of Andover.

DR.

Amount due Town on 1891 Taxes, as by Report	
January 15, 1896,	\$89 62

CR.

Amount uncollected,	\$89 62
	<u> </u>

DR.

Amount due Town on 1892 Taxes, as by Report	
January 15, 1896,	\$366 36

CR.

Amount collected,	\$ 76 49	
Amount abated and remitted,	2 11	
Amount uncollected,	287 76	
	<u> </u>	\$366 36
		<u> </u>
Interest on Taxes, 1892 List,		\$14 88
		<u> </u>

DR.

Amount due Town on 1893 Taxes, as by Report	
January 15, 1896,	\$1499 36

CR.

Amount collected,	\$ 202 65	
Amount abated and remitted,	15 18	
Amount uncollected,	1281 53	
	<u> </u>	\$1499 36
		<u> </u>
Interest on Taxes, 1893 List,		\$25 52
		<u> </u>

DR.

Amount due Town on 1894 Taxes, as by Report
January 15, 1896, \$3612 45

CR.

Amount collected,	\$1264 46	
Amount abated and remitted,	12 22	
Amount uncollected,	2335 77	
	<hr/>	\$3612 45
Interest on Taxes, 1894 List,		<hr/> <hr/> \$93 23

DR.

Amount due Town on 1895 Taxes as by Report
January 15, 1896, \$9,228 79

CR.

Amount collected,	\$4304 54	
Amount abated and remitted,	100 10	
Amount uncollected,	4824 15	
	<hr/>	\$9228 79
Interest on Taxes, 1895 list,		<hr/> <hr/> \$117 82

DR.

Assessors' List of Taxes, 1896,	\$80093 63	
Andover National Bank Tax,	2303 11	
	<hr/>	\$82396 74

CR.

Amount collected,	\$70158 00	
Amount abated and remitted,	73 46	
Amount uncollected,	12165 28	
	<hr/>	\$82396 74
Interest on Taxes, 1895 List,		<hr/> <hr/> \$30 95

ABRAHAM MARLAND,

COLLECTOR.

Andover, January 15, 1897.

Treasurer's Account.

LIABILITIES.

Trustees of Memorial Hall, Notes,	\$25000 00
Notes,	19500 00
Water Bonds,	160000 00
Unpaid Bills (estimated),	1500 00
Interest on Notes and Bonds,	1567 00
	<u>\$207567 00</u>

ASSETS.

Cash on hand, Town Funds,	\$ 597 60
Cash on hand, Waterworks,	1654 27
	<u>\$2251 87</u>
Uncollected Taxes, 1891,	89 62
Uncollected Taxes, 1892,	287 76
Uncollected Taxes, 1893,	1281 53
Uncollected Taxes, 1894,	2335 77
Uncollected Taxes, 1895,	4824 15
Uncollected Taxes, 1896,	12165 28
	<u>\$20984 11</u>
Sinking Funds,	4845 50
Commonwealth, State Aid,	1877 00
Commonwealth, Military Aid,	96 00
Commonwealth, Pauper Acct.,	276 88
Cities and Towns, Pauper Acct.,	160 58
	<u>\$7255 96</u>
	<u>\$30491 94</u>
Balance against the Town,	<u>\$177075 06</u>

WATERWORKS.

George A. Parker, Treasurer, in account with the Town of Andover.

DR.

Balance on hand, January 1896,	\$13956 96
Interest,	6548 33
Maintenance,	4700 00
Service-pipe,	1723 41
Redemption of Bonds,	5000 00
	<hr/>
	\$31928 70

CR.

Orders paid,	\$18534 49
Bonds Redeemed, (Nos. 31 to 36)	5000 00
Interest on Bonds,	6740 00
Balance, deposited Andover Nat. Bank,	1654 21
	<hr/>
	\$31928 70

\$220.00 of above balance is for coupons due, but not yet presented.

SPRING GROVE CEMETERY FUND.

Amount received from sale of wood,	\$550 00
Deposited in Lawrence Savings Bank,	\$550 00
	<hr/>

WARE SIDEWALK FUND.

Amount as per last report,	\$84 49
Dividends,	3 40
	<hr/>
	\$87 89

CR.

Deposited in Andover Savings Bank,	\$87 89
	<hr/>

RICHARDSON FUND. FRYE VILLAGE SCHOOL.

Amount as per last report,	\$1079 29	
Interest,	40 74	
	<u> </u>	\$1120 03

CR.

Merchandise,	\$ 73 56	
Deposited in Andover Savings Bank,	1046 47	
	<u> </u>	\$1120 03
		<u> </u>

GEO. A. PARKER,
TREASURER.

ANDOVER, Jan. 15, 1897.

GEORGE A. PARKER, TREASURER, IN

DR.

Balance from last year,	\$606 07
Commonwealth, Corporation Tax,	9119 45
Commonwealth, Bank Tax,	2436 84
Commonwealth, Military Aid,	96 00
Commonwealth, State Aid,	1900 00
Commonwealth, State Aid, Burial of Paupers,	20 00
Commonwealth, State Highway,	1711 40
Notes,	89000 00
Town Hall,	362 00
Spring Grove Cemetery,	199 62
Almhouse,	1868 93
Ballardvale Rents,	187 50
Water Rates,	9052 39
Relief out, Refunded,	339 86
Cities and Towns,	334 54
A. Marland, Collector, taxes and interest,	76288 54
A. Marland, Collector, abatements,	203 07
A. Marland, Fees,	17 40
Geo. H. Poor, Esq., Fines,	364 00
H. G. Herrick, Fine,	5 00
County Treasurer, dog tax,	551 67
Samuel Smith, refunded,	1 80
A. F. Saunders, refunded,	2 50
J. L. Hammett & Co., refunded,	8 03
J. T. Lovejoy, manure,	30 00
G. E. Johnson, Supt., books sold,	3 50
C. E. Knowlton, shafts,	4 00
Horses, Work on State Highway,	16 00
Concreting,	237 27
Hay Scales,	51 00
250th Anniversary, banquet,	730 50
250th Anniversary, loan collection,	87 20

\$195836 08

ACCOUNT WITH THE TOWN OF ANDOVER.

Cr.

Cash paid Selectmen's Orders:

Schools,	\$18671 50
Schoolhouses,	2993 31
Books and Supplies,	1506 58
Printing and Stationery,	697 65
Street Lighting,	3677 68
Insurance,	573 15
Interest,	9754 57
Snow,	659 22
Horses and Drivers,	2995 35
Highways,	7258 59
County Tax,	4486 98
State Highway,	1691 72
Fire Department,	5006 09
Town House,	826 49
Town Officers,	4999 50
Dog Tax	551 67
Miscellaneous,	1499 24
Spring Grove Cemetery,	475 58
Sidewalks,	1480 25
Hay Scales,	26 08
Notes Paid,	92500 00
Abatement of Taxes,	265 07
Drinking Fountain,	275 00
Memorial Day,	200 00
250th Anniversary,	4385 08
Redemption of Bonds,	5000 00
Sewer Commissioners,	10 62
Maintenance,	4700 00
State Tax,	4432 53
Sinking Fund,	675 00

Overseers' Orders:

Almshouse Repairs,	439 32
Military Aid,	192 00
State Aid,	1877 00
Almshouse Expenses,	4390 83
Relief Out,	6064 96
Cash on Hand,	597 47

\$195836 08

SINKING FUNDS.

No. 1.

Balance last year,	\$2157 12	
Received from Town,	150 00	
Interest, Andover Savings Bank,	42 54	
Interest, Essex Savings Bank,	31 84	
Interest, City Institution for Savings,	17 11	
	<hr/>	\$2398 61

CR.

Deposited in Andover Savings Bank,	\$1095 71	
Deposited in Essex Savings Bank,	820 61	
Deposited in City Institution for Sav- ings, Lowell,	482 29	
	<hr/>	\$2398 61
		<hr/>

No. 2.

Balance last year,	\$854 79	
Received from Town,	150 00	
Interest, Broadway Savings Bank,	37 50	
	<hr/>	\$1042 29

CR.

Deposited in Broadway Savings Bank,	\$1042 29
	<hr/>
	<hr/>

No. 3.

Balance last year,	\$535 38	
Received from Town,	150 00	
Interest, Andover Savings Bank,	17 58	
Interest, Central Savings Bank,	8 56	
	<hr/>	\$711 52

CR.

Deposited in Andover Savings Bank,	\$490 86	
Deposited in Central Savings Bank,	220 66	
	<hr/>	\$711 52
		<hr/>

No. 4.

Balance last year,	450 00	
Received from Town,	225 00	
Interest, Haverhill Savings Bank,	18 08	
	<hr/>	\$693 08

Cr.

Deposited in Haverhill Savings Bank,	<hr/> <hr/>	\$693 08
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GEGRGE A. PARKER,

TREASURER SINKING FUND.

Assessors' Report.

We herewith submit our Annual Report.

Number of Male polls assessed,		1,313
Personal Estate,	\$1,158,182 00	
Real Estate,	3,521,731 00	
	<hr/>	\$4,679,913 00
Poll-tax,	\$ 2,626 00	
Tax on Personal Estate,	19,500 00	
Tax on Real Estate,	58,989 00	
	<hr/>	\$81,115 00

Rate of Tax per \$1000, \$16.75

Number of

Horses assessed,	686
Cows assessed,	861
Cattle other than Cows,	157
Swine,	209
Dwellings,	1063
Acres of land,	18469

ARTHUR BLISS,	} <i>Assessors</i>
SAMUEL H. BOUTWELL,	
JOHN S. STARK,	
	<i>of</i>
	<i>Andover.</i>

Auditors Certificate.

We have this day examined the accounts of the several Town Officers and find them cast correctly, satisfactory vouchers for all payments have been made.

The Town Treasurer has on deposit five hundred and ninety-seven dollars and forty-seven cents, (\$597.47) town funds, and sixteen hundred and fifty-four dollars and twenty-one cents, (\$1654.21) to the credit of the water loan.

LOUIS A. DANE,
GEORGE A. HIGGINS,
AUDITORS.

ANDOVER, MASS., Jan. 30, 1897.

Board of Health.

To the Citizens of Andover:—

The Board of Health herewith presents to the citizens its annual report.

There have been the usual number of nuisances complained of during the year, which we are again pleased to state, have been abated without recourse to law. It will be seen by the appended table that the number of cases of contagious diseases reported has been much less than usual. Each house known to contain a case of Scarlet Fever or Diphtheria has had a card posted and we have, with the co-operation of the Supt. of Schools, tried to keep children out of school who have been exposed to the disease. After cessation of the disease the Secretary has taken charge, in person, of the disinfection of the premises.

Our town has been extremely fortunate in escaping Typhoid Fever. This is no doubt due in a great measure, to the continued purity of our water supply. We find it our duty however to again call the attention of our citizens to the need of proper sewerage and drainage; and the hope that some speedy action will be taken in the matter is our excuse for attending only to the most flagrant cases of complaint.

The inspection of new plumbing has given, we believe, general satisfaction and has been under the supervision of this board. Attention is again called to the law governing children to be vaccinated before entering the public schools. Children are excused only by certificate from the family physician.

Contagious diseases: Diphtheria, 3; Scarlet Fever, 10;
Total 13.

We would again request that all cases of complaint be made in writing and properly signed.

ARTHUR BLISS, Chairman,
HOWELL F. WILSON,
CHARLES E. ABBOTT, M.D., Sec.

Board of Health.

Cornell Fund.

Amount of Fund,		\$5000 00
Deposited in Savings Bank,		5000 00
		5000 00

Cash on hand, 1896,	\$ 68 87	
Dividends, 6 months,	123 64	
	123 64	\$192 51

Amount expended,	\$127 38	
Cash on hand,	65 13	
	65 13	\$192 51
		\$192 51

FRANK E. GLEASON,	}	<i>Trustees.</i>
JOSEPH A. SMART,		
CHARLES GREENE,		

ANDOVER, Mass., Feb. 1, 1897.

Punchard Free School.

The Trustees of the Punchard Free School submit to the Town this account of their Receipts and Expenditures for the year 1896, and of the Condition of the Fund at the close of the year.

TREASURER'S REPORT FOR THE YEAR ENDING DECEMBER 31, 1896.

Amount of Principal December 31, 1896,		\$75005 00
Invested in :		
Real Estate Mortgages	\$73425 00	
Deposited in Mercantile Loan and Trust Co.,	1525 00	
Deposit in Andover Savings Bank,	55 00	
	<u> </u>	<u>\$75005 00</u>

INCOME.

Balance on hand December 31, 1895,	\$1634 94	
Interest on loans and deposits in 1896,	4231 84	
Book assessments collected,	276 00	
Tuition collected from non-residents,	60 00	
	<u> </u>	6202 78
Expended in 1896,	\$5161 90	
Balance on hand December 31, 1896,	1040 88	
	<u> </u>	<u>\$6202 78</u>

DETAILED STATEMENT OF EXPENSES.

Frank O. Baldwin, Principal,	\$1761 00
Mary E. Dern, Assistant,	635 85
Mary Alice Abbott, Assistant,	300 00
Jean S. Pond, Assistant,	584 00
<i>Amount carried forward,</i>	<u>\$3280 85</u>

<i>Amount brought forward,</i>	\$3280 85
Charlotte Norris, Assistant,	584 00
Mary E. Carter, Assistant,	224 00
Florence M. Locke, Assistant,	60 00
Frederic Palmer, Chairman Visiting Committee,	100 00
Curtis M. Baldwin, janitor,	69 17
Geo. H. Poor, Treasurer,	200 00
Andover Press, Printing,	18 80
Frank O. Baldwin, supplies,	3 00
Arthur Bliss, chemicals,	13 67
C. C. Bourne, tuning pianos,	4 50
H. F. Chase, repairs,	50
John N. Cole, supplies,	95 36
George W. Chandler, fuel,	90 00
Brainard Cummings, repairs,	5 68
G. A. Higgins & Co., books and supplies,	273 17
T. A. Holt and Co., supplies,	2 89
L. E. Knott Co., supplies,	10 73
Henry P. Noyes, repairs,	7 35
George H. Parker, chemicals,	10 69
C. P. Rea, services,	3 00
Joseph A. Smart, insurance,	75 00
B. B. Tuttle, express,	1 00
M. T. Walsh, repairs,	24 04
William Wood, repairs,	4 50
Total expenses,	\$5161 90
Income, on deposit, Andover National Bank,	1036 95
“ in till,	3 93
	<hr/>
	\$6202 78

GEO. H. POOR,

TREASURER.

January 19, 1897.

Examined, and found correct.

GEORGE A. PARKER,

M. E. GUTTERSON,

AUDITING COMMITTEE.

January 25, 1897.

FREDERIC PALMER,	HORACE H. TYER,
FRANK R. SHIPMAN,	GEORGE H. POOR,
ROBT. A. MACFADDEN,	MYRON E. GUTTERSON,
GEORGE A. PARKER,	SAM'L H. BOUTWELL,
	TRUSTEES.

Sewer Commissioners' Report.

To the Citizens of Andover:

The method of disposal of the sewage of the town is still the important question before your Board of Commissioners. The Glover system from which we expected good results has been tried at the Rockingham County Farm at Brentwood, N. H., but the results obtained have not been, so far as we have been able to learn, such as would be acceptable to our State Board of Health. Your commissioners visited Brentwood through the summer and examined the operation of the system, and while no chemical examination of the effluent was made the appearance and effluvia were such as to show very imperfect results. The filtration area used was found to be inadequate, although proportionally larger than in the system designed for Andover, and to secure good results the system must be much more expensive both to install and operate than has been represented by the company interested in introducing it, and your commissioners could not recommend it without further and more satisfactory trials were made.

Agreeably to the instructions of the Town your commissioners introduced a bill into the Legislature of 1896 asking for the repeal of Sect. 15, Chap. 386, Acts of 1896, and it was referred to the Legislature of 1897. A hearing was given Feb. 9th by the Committee on Drainage at which Wm. Odlin, Representative, Arthur Bliss, Chairman of Board of Selectmen, and the entire Board of Sewer Commissioners appeared for the town. The matter is now in the committee's hands, and action by the Legislature may be expected at an early day. Under existing circumstances your commissioners could recommend no definite action by the Town at present.

Respectfully Submitted,

WM. S. JENKINS,	} <i>Sewer Commissioners.</i>
JOHN L. SMITH,	
JOHN E. SMITH,	

The following is a list of regular appropriations with amounts recommended by the various departments for year 1897.

Schools.	\$20000 00
School-Houses,	2500 00
School-Books and Supplies,	1500 00
*Repairs on Highways and Bridges,	3000 00
*Macadamized Roads,	4000 00
Sidewalks,	1500 00
Removing Snow,	500 00
Town Officers,	5000 00
Town House,	1000 00
Waterworks, Maintenance,	4700 00
Sinking Fund,	675 00
Fire Department, Running Expenses,	3800 00
New Apparatus, Hose and Repairs,	3200 00
Fire Alarm,	2000 00
Horses and Drivers,	3000 00
Street Lighting,	3700 00
Printing and Stationery,	700 00
Spring Grove Cemetery,	200 00
Memorial Day,	200 00
State Aid,	1600 00
Military Aid,	300 00
Expenses of Almshouse,	4000 00
Relief out of Almshouse,	5000 00
Repairs on Almshouse,	500 00
State Tax,	6000 00
Abatement of Taxes,	300 00
Interest on Notes, Funds, and Bonds,	10000 00
Insurance,	500 00
Hay Scales,	50 00
Miscellaneous,	1500 00
Total,	\$90925 00

Respectfully submitted,

ARTHUR BLISS,	} <i>Selectmen</i>
SAMUEL H. BOUTWELL,	
JOHN S. STARK,	

of
Andover.

* Same as 1896 appropriations.

Town Warrant.

ESSEX, SS: To either of the Constables of the Town of
Andover. GREETING :

In the name of the Commonwealth of Massachusetts, you are hereby directed to notify and warn the inhabitants of the Town of Andover, qualified to vote in town affairs, to meet and assemble at the Town House, in said Andover, on Monday, the First day of March, 1897, at Nine o'clock, A. M., to act on the following Articles, namely :

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2d. — To choose Town Clerk, Treasurer, Collector of Taxes, One member of the Board of Selectmen, Assessors and Overseers of the Poor for three years, One member of the Board of Health for three years, three members of the School Committee for three years, and one member for one year, one Water Commissioner for three years, one Trustee of the Memorial Hall for seven years, one Sewer Commissioner for three years, one or more Auditors of Accounts, Park Commissioners, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, Highway Surveyor, Trustees of Cornell Fund, Fire Wards, a Pound Keeper, and any other officers the town may determine to choose.

Article 3d. — To take action on the following question :
“ Shall Licenses be granted for the Sale of Intoxicating Liquors in this town ? ”

Article 4th. — To determine what sums of money shall be appropriated for Schools, School-Houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationery, Memorial Day, State Aid, Military Aid, Water-works, Interest, State Tax, County Tax, Abatement of Taxes, Almshouse Expenses, Repairs on Almshouse, Relief of Almshouse, Spring Grove Cemetery, and other town charges and expenses.

Article 5th. — To see if the Town will authorize the construction of a fire alarm system and appropriate a sum of money therefor on petition of Engineers.

Article 6th. — To see if the Town will discontinue the cutting of wood and removal of gravel from its land on Indian Ridge, so called for the coming year, on petition of Albert Poor and eight others.

Article 7th. — To see if the Town will hold its land on Indian Ridge, so called as a forest reservation, on condition that the adjoining land bonded to the Indian Ridge committee be obtained by private subscription, and devoted to the same object before the Annual Town Meeting in 1898, on petition of Albert Poor and ten others.

Article 8th. — To see if the Town will appropriate a sum of money to place electric lights on Mineral Street, near New Street of Peter D. Smith, one on Abbott Street near residence of T. D. Thomson, and one on South Main Street near residence of Chas. H. Forbes.

Article 9th. — To see if the Town will appropriate a sum of money for a steam fire engine, on petition of Engineers.

Article 10th. — To see if the Town will appropriate a sum of money to continue the concrete sidewalk on the southerly side of the plot near the station, on petition of the Village Improvement Society.

Article 11th. — To see if the Town will adopt the provisions of Chapter 186 of the Legislative Acts of the year 1895, relating to the street watering, and determine the area of such watering, and appropriate a sum of money for the purchase of watering carts or wagons.

Article 12th. — To see if the Town will purchase for a park the Richardson land (situated north of the Punchard School grounds) and what sum of money they will appropriate therefor, on petition of Wm. S. Jenkins and others.

Article 13th. — To see if the Town will accept Ridge Street as laid out by the Selectmen and appropriate a sum of money for constructing the same.

Article 14th. — To see if the Town will appropriate money sufficient to place a suitable drinking fountain, for man and beast, on Andover Hill near the terminus of the electric car line, on a petition of Egbert C. Smyth and ten others.

Article 15th. — To act on the reports of Town officers.

Article 16th. — To see if the Town will accept the list of names for Jurors prepared by the Selectmen.

Article 17th. — To fix the pay of the Firemen for ensuing year.

Article 18th. — To determine the method of collecting taxes the ensuing year.

Article 19th. — To determine the disposition of unexpended appropriations.

Article 20th. — To authorize the Treasurer to hire money for the use of the Town, in anticipation of taxes upon the approval of the Selectmen.

Article 21st. — To determine the amount of money to be raised by taxation the ensuing year.

Article 22d. — To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting.

Given under our hands, at Andover, this the Thirteenth day of February, in the year one thousand eight hundred and ninety-seven.

ARTHUR BLISS,	}	<i>Selectmen of Andover.</i>
SAM'L H. BOUTWELL,		
JOHN S. STARK,		

Memorial Hall Library.

TWENTY-FIFTH ANNUAL REPORT OF THE BOARD OF TRUSTEES.

The statistics of the Librarian's report, herewith presented, are sufficient evidence that the Memorial Hall Library has been doing its proper work during the past year. The aggregate circulation of twenty-one thousand volumes (including two thousand delivered by special carrier in the remoter districts of the town), the large daily use of newspapers and magazines, and the constant consultation of books of reference illustrate the beneficent advantages which the first founders and later benefactors of our Free Public Library and Reading Room aimed to provide for the community, while the addition of over two hundred names to the list of those desiring to withdraw books indicates the increasing appreciation of those advantages on the part of the people.

Another extension in Library hours has been made, applying to the delivery of books in the forenoon, so that both the Library and Reading Room will be open after April 1st on every week day (public holidays excepted) from 9 to 12 o'clock A. M., from 3 to 5.30 o'clock P. M., and from 7 to 9 o'clock in the evening. The Reading Room is open from 8.30 o'clock A. M.

As anticipated in our last report, one of the ante-rooms of the Library has been pleasantly fitted up as the depository of

such works of art and history as may be obtained with the income of the "Cornell Fund." A fine portrait of the donor of that Fund has been placed upon the walls, and a beginning made in the purchase of books of art, for which the ordinary funds of the Library are not available. The valuable books of reference belonging to the Library, but not hitherto easily accessible to its patrons, have been put on the shelves of this room, where they can be freely consulted by adults, during Library hours, on application to the Librarian. Special attention is called to the catalogue of this reference library appended to the accessions of the year in this town report. The list (numbering nearly seven hundred volumes) includes, besides encyclopaedias and dictionaries in the various departments of knowledge, the indexes of periodical and general literature up to date, the official records, both Union and Confederate, so far as published, of the War of the Rebellion (one hundred volumes), and the recently bound volumes of the *Boston Journal* for the period of the War and for the centennial years, 1875-76.

The Trustees desire to acknowledge the public spirited service of the Andover Village Improvement Society in setting out upon the Library grounds a hedge of Japanese barberry (*Berberis Thunbergii*), and two varieties of woodbine, (*Ampelopsis Quinquefolia* and *Ampelopsis Veitchii*).

Two suggestions may be repeated from last year's report. One is that patrons of the Library, having in mind books desirable for purchase, should place the names of the volumes (with author, publisher and price) on the slips furnished by the Librarian. The other refers to the use of the Memorial Hall as a depository for articles relating to the history of the town or the customs of the past. The painting of the Indian sachem, *Cutshamache*, for example, has been added during the year, not as a work of art, but as a souvenir of the 250th anniversary celebration, as have also the various programmes and placards connected with the celebration. Maj. Marland has deposited a piece of the flag presented to the Sixth Regiment by the loyal citizens of Baltimore in 1861, and Miss

Charlotte S. Abbott the ancient Bible used in the pulpit of the South Church previous to 1861. Such articles, including manuscripts and printed documents, illustrative of the past and present history of Andover, in war and in peace, would be of great interest in the future and would come in the direct line of the *Cornell Collection*.

Just after the above report had been presented to the Trustees for their approval, the announcement was made to them that Mrs. George W. Coburn had offered to provide for the publication of a new printed catalogue of the Library. This generous gift, which fitly comes from the daughter of the honored originator of Memorial Hall, Mr. John Smith, supplements the card catalogue previously presented by Mrs. Byers and supplies an important need of the Library. It will of course be several months before this can be prepared and printed, but the whole community will join with the Board in grateful appreciation of the thoughtfulness and munificence of the donor.

Respectfully submitted :

JOSEPH W. SMITH,
FRANCIS H. JOHNSON,
E. KENDALL JENKINS,
JAMES B. SMITH,
JOSEPH A. SMART,
GEORGE H. TORR,
GEO. W. FOSTER,
C. C. CARPENTER,
TRUSTEES.

ANDOVER, Feb. 9, 1897.

ANDOVER, January 27, 1897.

This certifies that we have examined the within account and find the same correctly cast and properly vouched.

E. K. JENKINS,
GEORGE H. TORR,
Auditors.

JOSEPH A. SMART, TREASURER OF MEMORIAL HALL
INCOME.

To cash on hand from last year,	\$1497 53
Interest on Town Notes,	1400 00
Interest on Mortgage,	250 00
Receipts from Fines and Rents,	63 88
From Estate of Edward Taylor,	200 00
From sale of old paper,	5 00
From rebate on books,	6 00
Interest on Savings Bank deposits,	286 24



IN ACCOUNT WITH THE TOWN OF ANDOVER.

EXPENDITURES.

Ballard Holt, salary,	\$720 00
James O. Bradshaw, salary,	89 00
Little, Brown & Co., books,	327 51
Houghton, Mifflin & Co., books,	69 00
F. S. Blanchard & Co., books,	1 50
Rand, McNally & Co., books,	19 98
Johnson, LeBlanc & Co., books,	3 50
L. A. Charlton, books,	2 50
Samuel Ward & Co., books,	3 50
O. P. Chase, papers and periodicals,	145 08
Andover Press, papers,	4 00
Damrell & Upham, photographs,	63 00
Soule Photo. Co., photographs,	36 00
George M. Bodge, book,	5 00
J. F. Barnard & Co., binding,	168 34
Andover Electric Company, lighting,	118 56
F. C. Way, district carrier	56 00
D. Carney, labor,	35 55
George A. Higgins & Co., supplies,	2 95
J. N. Cole, supplies,	2 60
Hardy & Cole, labor,	37 64
Street sprinkling, (two years)	20 00
H. P. Noyes, supplies,	56 00
B. Holt, sundries,	53 30
Anderson & Bowman, labor,	1 00
A. W. Caldwell, labor,	10 80
E. C. Pike, labor,	3 63
J. S. Marion, portrait,	76 00
Beal Decorating Co.,	25 00
Briggs & Allyn, work,	150 00
J. A. Smart, insurance,	7 50
William Wood, labor,	8 50
E. J. Rowe, labor,	14 10
Tuttle's Express,	9 40
George Saunders, labor,	2 33
Andover Press,	20 25
George W. Chandler, fuel,	156 00
Deposit in Andover Savings Bank, (E. Taylor Fund)	200 00
	<hr/>
	\$2725 02
Cash on hand to balance,	983 63
	<hr/>
	\$3708 65

REPORT OF LIBRARIAN.

To the Trustees of the Memorial Hall Library :

GENTLEMEN, — I herewith submit my report as Librarian for the year 1896.

Comparative Statistics.

	1895.	1896.
Number of volumes added by purchase,	273	273
Number of volumes presented,	55	77
Volumes of periodicals bound,	50	53
Total number of volumes in the Library,	13,826	14,229
Pamphlets presented during the year,	133	196
Total number of pamphlets in the Library,	7,526	7,722
Number of days the Library was open,	250	306
Number of volumes delivered :		
General delivery,	18,117	19,045
Abbott District,	206	212
Bailey District,	958	930
North District,	212	173
Osgood District,	821	765
	20,314	21,125
Largest daily issue,	209	245
Largest weekly issue,	585	583
Average daily issue,	81	69
Per-centage of juvenile and fiction circulated,	78½	80
Number of volumes lost and paid for,	2	2
Number of postals sent for books overdue,	1022	1090
New names registered,	198	223
Total number of names registered,	5959	6172
Number of volumes covered anew,	1379	1293
Number of volumes bound,	266	244
Average daily attendance in Reading-room,	65	64
Volumes delivered for use in Reading-room,	722	607
Amount of fines collected,	\$54.96	\$59.20
Amount received for use of books,	6.16	4.68

List of Donors.

	Vols.	Pamps.	Pap's.
Abbot Courant,		3	
Abbott, Hartwell B.,	1		
Andover, Town of.	9	6	
Bancroft, Rev. C. F. P.	1		
Barnes, Rev. Henry E., North Andover, Mass.	1		
Benton, J. H., Jr., Boston, Mass.		1	
Blinn, Henry C., East Canterbury, N.H.		12	
Buck, Miss Alice.		1	
Bussey Institution, Boston, Mass.		1	
Cambridge Public Library.		1	
Carpenter, Rev. C. C.		1	
Clark, George F., West Acton, Mass.	1		
Crocker, Uriel H., Boston, Mass.	1		
Dow, Miss Lucia A.	78		
Enoch Pratt Free Library, Baltimore, Md.		1	
Fall River Public Library,		1	
Fearing, Andrew C., Jr., Boston, Mass.	1		
Forbes, Edward H., Malden, Mass.	1		
Forbes Library, Northampton, Mass.		2	
Jenkins, E. K.		1	
Knox, Hon. W. S., Lawrence, Mass.	14		
Lawrence Public Library,		4	
Lexington Historical Society,		1	
Lytle, John J., Philadelphia, Pa.		1	
Malden Public Library.		1	
Marshall, Mrs. Joshua N., Lowell, Mass.		1	
Massachusetts, Commonwealth of.	17	1	
Massachusetts Institute of Technology,		1	
Mercantile Library Association, St. Louis, Mo.		2	
Newton Free Library.		1	
Osgood, L. Edgar, North Andover, Mass.	4		
Palmer, Rev. Frederic.		32	
Peabody, Philip G., Boston, Mass.	1		
Pray, John H., Boston, Mass.		1	
Salem Public Library.		1	
Stevens, Hon. Moses T., North Andover, Mass.	13		
Taylor, Prof. John Phelps.			

	Vols. Pamps. Pap's.		
Travellers' Record, 1896.			
United States.	8	79	
Watertown Free Public Library.		1	
Whitney, Charles C., Marshall, Minn.			52
Whittier, Miss H. E.		38	
Wilson, Rev. F. A.	1		
Worcester Public Library.		1	
	<hr/> 152	<hr/> 196	<hr/> 156

Other Donations.

Clough, Miss Lizzie. Campaign caricature of Horace Greeley.

Marland, Maj. William. A part of flag presented by the loyal citizens of Baltimore to the Sixth Regiment Massachusetts Militia, after the riot in that city, April 19, 1861.

Poor, George H., Esq. Map of Essex County, 1825.
Map of Massachusetts, 1802.

Twenty-two volumes have been withdrawn, and replaced with new ones.

Two numbers each of Boston Journal, Harper's Bazar, and Illustrated American, one each of Boston Traveller, English Illustrated Magazine, Good Words, Lawrence American, Musical Visitor and Scientific American, have been taken from the Reading-room, and not returned.

BALLARD HOLT,

LIBRARIAN.

ANDOVER, Jan. 6, 1897.

MEMORIAL HALL LIBRARY

LIST OF ACCESSIONS

Bulletin No. 16, 1896

LIST OF ACCESSIONS, 1896.

A.

Abbott, Charles Conrad. A colonial wooing.	1943.9
Aldrich, Thomas Bailey. Judith and Holofernes: a poem.	1735.5
Allen, Charles. Papier Mâché.	859.28
American Naturalist. Vol. 29. 1895.	1423.10
Ambrosius, Johanna. Poems.	1733.10
Andover Townsman. Vol. 9. 1896.	Ref.
Armstrong, Edward. Lorenzo de Medici, and Florence in the fifteenth century. [Heroes of the nations.]	1258.12
Arnold, Matthew. Letters 1848-1888, collected and arranged by G. W. B. Russell. 2 vols.	1758.13-14
At Wellesley: Legenda for 1896.	1955.8
Atlantic Monthly. Vols. 76, 77. 1895-96.	1413.2-3

B.

Bangs, John Kendrick. A house-boat on the Styx.	859.29
A rebellious heroine: a story.	1948.21
Barnes, Rev. Henry E. Memorial and historical discourse, Trinitarian Congregational Church, North Andover, Sun- day morning, Oct 20, 1895.	Ref.
Barnes, James. For King and country: a story of the American Revolution.	1948.10
Midshipman Farragut.	1948.12
Barr, Amelia Edith. Bernicia.	1963.9
Barr, Robert. A woman intervenes: or, the mistress of the mine.	1943.11
Barrie, James Matthew. Margaret Ogilvy.	1938.13
Sentimental Tommy: a story of his boyhood.	1938.14
Bartlett, John. New and complete concordance of Shakespeare: index to all the passages in the dramatic works.	Ref.
Bates, Arlo. Talks on writing English.	1725.7
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
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TOWN OF ANDOVER

EIGHTH

ANNUAL REPORT

OF THE

WATER COMMISSIONERS

FOR THE FINANCIAL YEAR ENDING

JANUARY 12, 1897

ANDOVER, MASS.
THE ANDOVER PRESS, PRINTERS
1897

REPORT.

To the Citizens of Andover :

Your Board of Water Commissioners herewith submit their eighth annual report for the year ending January 12th, 1897:

Forty-six new services have been added this year, making a total to date of 752.

Received for water rates, \$9052.39, and the cost of maintenance \$4643.63, leaving a net income of \$4408.76.

It should, however, be understood that this includes advance meter rates to July 1st, instead of April 1st, the new regulations having taken effect, and all rates are now payable semi-annually. The bonded indebtedness is now \$160,000, the different sinking funds amounting to \$4845.50, leaving the net debt \$155,154.50, the interest is \$6206.18, the net income \$4408.76, this leaves an excess of interest of \$1,797.-42 which practically represents the cost to the town for water furnished for the public buildings, street sprinkling, drinking fountains, hydrants and other public uses.

The new pumping engine was completed and given the final test about the 1st of March; the result was entirely satisfactory in every respect, and with the guarantee from the builders was accepted and paid for. It has been in use most of the time since, and has fully demonstrated its ability to do all the pumping that will be required for some time, whatever may be the increase in consumption. Less coal is used to pump the same quantity of water than with the old one, and as this is equipped with fly wheel and Corliss valve gear, it easily adjusts itself to variable pressure and does not require the close attention that the other did, consequently the

extra services of a fireman are dispensed with. The old engine has been thoroughly overhauled and put in proper shape and with several day's trial after, worked as well as when new. These repairs as well as the connections and extra piping required for the new one were all done by Supt. Smith or under his personal supervision.

A new hard wood floor was laid in the engine room and a few minor repairs made to the building. The pumping station is now well equipped, having two engines and two boilers there is but little to fear of anything arising that would seriously affect the supply from this source. The plant is now in care of Mr. G. W. Spickler who has been the regular engineer for several years and seems to be well qualified for that position and is interested in the general welfare and care of this very important part of the system.

The grounds about the station are in fair condition, the heavy teaming in the Spring did not improve the driveway very much but the banks and walks are in much better shape than formerly. The lot adjoining these grounds on the west between the highway and shore, extending nearly forty-five rods was purchased this year of the Hardy Brothers. As the town now controls nearly all the southern shore, with the two islands taken last year, it is not apprehended that much more trouble will arise from undesirable campers in this locality, and it would be very desirable if the town controlled all the shores of the Pond, then this annoyance could, in a measure, be averted and the purity of the water would not be jeopardized, at least from this source.

Such a radical change was made in the grade of the State highway north of Mr. Poor's shop that it was deemed advisable to raise and re-locate the line of pipe in this vicinity so that it might be reached with less difficulty should it become necessary. This involved an outlay of \$500, which is included in the maintenance expenses.

It has already been demonstrated by the experience of a large percentage of water systems in New England, that the only proper and just way to equalize water rates, when more

than one faucet is used on the same premises, is to measure the water used. We have, therefore, adopted new regulations and water rates which conform very closely to those in use in a majority of the towns in this State, and no doubt will meet your approval.

We recommend that there be appropriated \$1,400.00 for maintenance and \$675.00 for the different Sinking Funds.

Very Respectfully,

JOHN H. FLINT,	}	<i>Board of Water Commisssioners.</i>
J. P. BUTTERFIELD,		
FELIX G. HAYNES,		

SINKING FUND.

The Sinking Fund Commissioners present the following report:

ISSUE OF 1890.

To redeem bonds Nos. 151 to 160 inclusive.

To balance Jan. 15, 1896,	\$2157 12
Received from Town of Andover,	150 00
Received from interest from Andover Savings Bank,	42 54
Received from interest from Essex Savings Bank,	31 84
Received from interest from City Institution for Savings, of Lowell,	17 11
	<hr/> \$2398 61

Invested as follows :

Deposited in Andover Savings Bank,	\$1095 71
Deposited in Essex Savings Bank,	820 61
Deposited in Lowell Institution for Savings,	482 29
	<hr/> \$2398 61 <hr/>

ISSUE OF 1892.

To redeem bonds Nos. 161 to 170 inclusive.

To balance Jan. 15, 1896,	\$854 79
Received from Town of Andover,	150 00
Received from interest from Broadway Savings Bank,	37 50
	<hr/> \$1042 29

Invested as follows :

Deposited in Broadway Savings Bank,	\$1042 29
	<hr/> <hr/>

ISSUE OF 1893.

To redeem bonds Nos. 171 to 180 inclusive.

To balance Jan. 15, 1896,	\$535 38
Received from Town of Andover,	150 00
Received from interest from Andover Savings Bank,	17 58
Received from interest from Central Savings Bank,	8 56
	<hr/>
	\$711 52

Invested as follows :

Deposited in Andover Savings Bank,	\$490 86
Deposited in Central Savings Bank,	220 66
	<hr/>
	\$711 52
	<hr/> <hr/>

ISSUE OF 1895.

To redeem bonds Nos. 181 to 195 inclusive.

To balance Jan. 15, 1896,	\$450 00
Received from Town of Andover,	225 00
Received from interest from Haverhill Savings Bank,	18 08
	<hr/>
	\$693 08

Invested as follows :

Deposited in Haverhill Savings Bank,	\$693 08
	<hr/> <hr/>

JOHN H. FLINT,	} <i>Sinking Fund</i>
J. P. BUTTERFIELD,	
FELIX G. HAYNES,	

Commissioners.

FINANCIAL STATEMENT.

RECEIPTS.

Water rates,	\$9052 39
Various parties, service pipe and meters,	1000 04
M. T. Stevens & Sons, laying pipe,	432 80
Town of Andover, setting fountain and laying drain pipes,	145 96
Methuen Water Works, fittings,	30 40
Deane Steam Pump Co., changing truss,	89 06
Valpey Bros., repairing drain pipe,	5 16
Hardy & Cole, lead and laying pipe,	9 91
Repairing meters,	5 50
Turning on water,	4 23
Piece of pipe sold,	35

\$10775 80

Paid Town Treasurer,

Water rates,	\$9052 39
Pipe account,	1723 41

\$10775 80

MAINTENANCE.

John E. Smith, superintendent,	\$798 30
George W. Spickler, engineer,	680 00
George E. Hussey, clerk and assistant,	409 09
S. Peterson, labor,	260 87
Bangs & Horton, coal,	411 18
<i>Amount carried forward,</i>	<u>\$2559 44</u>

<i>Amount brought forward,</i>	\$2559 44
Wm. H. Higgins, board of horse,	137 00
B. & M. R.R., freight,	122 35
E. W. Bigelow, oil,	93 44
Deane Steam Pump Co., repairs on old pump,	107 72
Andover Press, books and printing,	81 95
Geo. Guthrie, labor,	80 40
Hartford Steam Boiler and Inspection Co., boiler ins.,	75 00
Leonard & Ellis, oil,	74 51
Joseph Bordelais, teaming coal,	61 06
Oberlin Howarth, painting and carpenter work,	60 00
Thos. Leslie, labor,	62 33
William J. Butterfield,	47 34
John S. Dearborn, painting hydrants,	42 35
Ballard Vale M'fg Co., nickle plating,	43 00
Edward S. Moulton, cutting wood,	43 58
Garlock Packing Co., packing,	49 55
William G. Goldsmith, box rent and postage,	41 00
Boston Lead M'fg Co., pig lead,	30 33
Curran & Barton, coal,	36 77
Treat Hardware and Supply Co., paint, oil, etc.,	35 45
Andrew Hurley, labor,	29 21
A. Palm, wood,	27 00
H. McLawlin, hardware,	20 66
Anderson & Bowman, horse-shoeing, etc.,	29 95
Frank E. Gleason, wood,	25 32
Humphrey Leary, labor,	26 43
Michael Moynehan, labor,	24 50
Perrin Seamans & Co., picks and shovels,	29 10
Harry P. Abbott, wood,	19 25
Frank L. Trefethen, packing,	11 48
Patrick McMullen, labor,	10 50
Michigan Brass and Iron Works, valves,	10 50
William Fairley, labor,	15 37
E. C. Pike, pipe and fittings,	15 43
<i>Amount carried forward,</i>	\$4179 27

<i>Amount brought forward,</i>	\$4179 27
Walworth M'f'g Co., pipe and fittings,	14 22
George Saunders, pipe and fittings,	11 10
Smith & Manning, oil and supplies,	16 17
The Fairbanks Co., pan for coal barrow,	12 00
Samuel Smith, pump springs,	16 50
John Moynihan, labor,	16 63
John Schofield, labor,	16 75
James Donovan, labor,	14 40
Frank Riley, labor,	14 40
John Warden, labor,	12 80
Augustus Smy, labor,	9 60
Napolian Hill, labor,	9 60
Thomas Mulvane, labor,	9 60
David Gorman,	9 60
William Laundry, labor,	9 60
Barney Sweeney, labor,	9 60
John Mulcahey, labor,	9 60
Michael Hartnett, labor,	9 60
Angelo Crudale, labor,	9 60
Patrick Lynch, labor,	9 60
Patrick Harnett, labor,	9 60
Michael Roach, labor,	9 60
Patrick Connelly, labor,	9 60
Stephen Grant, labor,	9 60
Archie Twombly, labor,	9 60
Laurie Bishop, labor,	9 60
Edward Lawrence, labor,	8 00
James Dennison, labor,	8 00
John McCollum, labor,	8 00
— Burnie, labor,	8 00
Daniel Mullen, labor,	8 00
American Express Co., express,	7 15
Tim Chinnery, labor,	7 00
Daniel Fitzpatrick, labor,	7 00
<i>Amount carried forward,</i>	\$4538 99

<i>Amount brought forward,</i>	\$4538 99
Thomas Madden, labor,	6 40
Michael Duggan, labor,	6 40
Dennis Riley, labor,	6 40
Gilchrist & Taylor, pipe and fittings,	5 42
Ashton Valve Co., repairs on safety valve,	5 00
Charles L. Bailey, board of men,	6 00
John Shaw, painting,	5 00
Daniel Donovan, labor,	4 08
Timothy Callahan, labor,	4 80
Ludlow Valve Co., valve screws,	4 80
Joseph W. Poor, work on derrick,	4 95
Patrick McMahon, labor,	4 80
American Steam Gage Co., changing guages,	3 50
William Leary, labor,	3 30
Hardy & Cole, lumber,	3 84
George W. Chandler, teaming,	3 00
Daniel Carney, labor,	3 20
George E. Gilchrist, pipe and fittings,	3 42
F. M. Dutch, polish,	2 00
G. A. Higgins & Co., stationery,	2 45
Harry Gray, labor,	2 18
George A. Mayer, repairs on harness,	2 85
Arthur Shaw, painting,	2 62
John N. Cole, stationery,	1 00
Frank Goodwin, labor,	1 00
John O'Connell, repairs on wagon,	1 25
F. G. Haynes & Co., tools and supplies,	1 08
Omar P. Chase, stationery,	1 82
Lothrop & Spooner, polish,	1 00
H. P. Noyes, repairs on table,	45
B. B. Tuttle, express,	45.
George F. Blake M'f'g Co., screw,	18
	<u>\$4643 63</u>

CREDIT, MAINTENANCE.

Hardy & Cole, lead,	\$6 34
F. E. Gleason, repairing meter,	1 50
Adam Lindsay, repairing meter,	2 00
William Marland, repairing meter,	2 00
Mrs. C. Odlin, turning on water,	2 00
Phillips Athletic Grounds, turning on water,	2 00
Driscoll & Connors,	23
	<hr/>
	\$16 07

SERVICE PIPE.

Lead Lined Iron Pipe Co., pipe and fittings,	\$448 94
National Meter Co., meters,	188 00
Thomson Meter Co., meters,	150 60
Union Meter Co., meters,	153 50
George Guthrie, labor,	149 75
George E. Gilchrist, service pipe fixtures,	141 91
Thomas Leslie, labor,	125 40
John E. Smith, superintendent,	98 39
Humphrey Leary, labor,	81 85
Michael Moynahan, labor,	80 49
Wm. H. Higgins, board of horse,	81 50
John Moynahan, labor,	81 76
George E. Hussey, clerk and assistant,	79 20
Wm. J. Butterfield, foreman,	61 50
Hersey Meter Co, meters,	52 00
Andrew Hurley, labor,	32 08
E. C. Pike, pipe and fixtures,	29 96
Daniel Fitzpatrick, labor,	21 58
William Farley, labor,	20 60
Edward Lawrence, labor,	19 20
Anderson & Bowman, blacksmith work,	13 65
Hardy & Cole, lumber and labor,	12 65
David Welch, labor,	11 28
	<hr/>
<i>Amount carried forward,</i>	\$2135 79

<i>Amount brought forward,</i>	\$2135 79
B. & M. R. R. Co., freight,	7 49
Sumner & Goodwin, stop cocks,	6 00
Michigan Brass & Iron Works, stop cocks,	5 75
Patrick McMullen, labor,	4 22
B. B. Tuttle, express,	4 00
George Saunders, fixtures,	3 00
John Leary, labor,	3 50
Frank Goodwin, labor,	2 70
Smith & Manning, supplies,	2 15
H. McLawlin, hardware,	1 70
American Express, express,	1 60
William Leary, labor,	1 19
Geo. H. Sampson, fuses,	1 50
Boston Lead M'fg Co., lead pipe,	97
F. G. Haynes, cutting oil,	75
W. F. Rutter, union,	56
	<hr/>
	\$2182 87
	<hr/>

CREDIT, SERVICE PIPE.

Various parties, service pipe and meters,	\$1000 04
Town of Andover, setting fountain and labor,	145 96
Methuen Waterworks, fittings,	30 40
Valpey Brothers, repairing drain,	5 16
Hardy & Cole, laying pipe,	3 57
	<hr/>
	\$1185 13
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PIPE DISTRIBUTION.

Ludlow Valve Mfg. Co., valves and hydrants	\$124 82
George Guthrie, labor,	106 52
George E. Hussey, clerk and assistant,	79 68
John E. Smith, superintendent,	62 89
<i>Amount brought forward,</i>	\$373 91

<i>Amount brought forward,</i>	\$373 91
John Moynehan, labor,	69 90
Michael Moynehan, labor,	69 13
City of Lawrence, pipe and specials,	52 72
Humphrey Leary, labor,	65 70
George E. Gilchrist, pipe,	34 37
Walworth M'f'g Co., specials,	34 17
Andrew Hurley, labor,	31 03
William Farley, labor,	29 28
Wm. H. Higgins, board of horse,	27 50
Daniel Fitzpatrick, labor,	23 92
Thomas Leslie, labor,	23 91
Wm. J. Butterfield, foreman,	20 16
Boston Lead M'f'g Co., lead,	18 59
Builders Iron Foundry, specials,	13 13
Geo. W. Chandler, teaming,	12 50
B. & M. R. R. Co., freight,	5 68
Anderson & Bowman, blacksmith work,	4 55
H. McLawlin, hardware,	2 50
	<hr/>
	\$912 65
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CREDIT, PIPE DISTRIBUTION.

M. T. Stevens & Sons, laying pipe,	\$432 80
Cash, piece of pipe,	35
	<hr/>
	\$433 15
	<hr/>

PUMPING PLANT.

Deane Steam Pump Co., contract and premium on pumps,	\$9393 50
John E. Smith, superintendent,	273 64
O. B. Howarth, labor, carpenter work and painting at pumping station,	218 15
	<hr/>
<i>Amount carried forward,</i>	\$9885 29

<i>Amount brought forward,</i>	\$9885 29
Hardy & Cole, lumber,	92 83
George E. Gilchrist, pipe and fittings,	90 72
S. Peterson, labor,	71 60
Boston Belting Co., rubber matting,	76 50
W. H. Higgins, board of horse,	58 25
Nightingale & Childs, covering steam pipes,	27 69
Treat Hardware & Supply Co., hardware and tools,	24 62
Driscoll & O'Brien, brick work,	18 40
John Hurley, carpenter work,	15 00
W. F. Doherty, carpenter work,	15 00
Henry McLawlin, hardware,	14 53
John Shaw, painting,	12 50
American Steam Gauge Co., indicator springs,	12 00
George W. Spickler, labor,	10 00
Clarence Goldsmith, labor,	7 50
W. F. Rutter, labor and pipe fittings,	7 30
Arthur Shaw, painting,	5 25
F. G. Haynes & Co., lamps and supplies,	5 00
George E. Hussey, labor,	3 80
Anderson & Bowman, blacksmith work,	3 35
Samuel Smith, machine work,	3 05
George W. Chandler, teaming,	2 25
Walter Shaw, labor,	1 75
B. & M. R. R., freight,	1 73
E. C. Pike, fittings,	1 53
American Express Co., express,	15
	<hr/>
	\$10467 59
	<hr/>

CREDIT, PUMPING PLANT.

Deane Steam Pump Co., changing truss,	\$89 06
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TOOLS.

The Fairbanks Co., scales and wheelbarrow,	\$47 00
George Saunders, tank,	15 76
<i>Amount carried forward,</i>	<hr/> \$62 76

<i>Amount brought forward,</i>	\$62 76
The Mason Regulator Co., pressure regulators,	12 60
Ludlow Valve M'f'g. Co., valve,	3 46
Walworth M'f'g Co., fittings,	1 53
Frank J. Scott, tap,	50
Anderson & Bowman, blacksmith work,	75
H. McLawlin, tools,	50
B. & M. R. R., freight,	34
American Express Co., express,	15
	<hr/>
	\$82 59
	<hr/>

BUILDINGS AT PUMING STATION.

George E. Gilchrist, pipe and fittings,	\$15 16
George E. Hussey, labor,	2 30
	<hr/>
	\$17 46
	<hr/>

CONSTRUCTION EXPENSES.

Frost & Adams, drawing paper,	\$9 80
	<hr/>

GRADING LAND.

P. J. Hannon, rent of cart,	\$14 25
	<hr/>

WATER AND LAND DAMAGES.

Edward S. Hardy, lot of land,	\$200 00
George W. Foster, writing and recording deed,	3 65
	<hr/>
	\$203 65
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SUMMARY OF APPROVED BILLS.

Maintenance,	\$4643 63
Service Pipe,	2182 87
Pipe Distribution,	912 65
	<hr/>
<i>Amount carried forward,</i>	\$7739 15

<i>Amount brought forward,</i>	\$7739 15
Pumping Plant,	10467 59
Tools,	82 59
Water and Land Damages,	203 65
Buildings at Pumping Station,	17 46
Construction Expenses,	9 80
Grading Land,	14 25
	<hr/>
	\$18534 49
	<hr/>

COST OF CONSTRUCTION.

Office fixtures,	\$492 53
Reservoir,	11074 59
Buildings at Pumping Station,	9423 19
Coal shed,	806 97
Pipe distribution,	125203 34
Service pipe,	10368 61
Construction expenses,	6697 77
Suction pipe,	1309 46
Pumping plant,	26697 37
Grading land,	1739 12
Tools,	1029 29
Teams,	474 90
Work shop,	1259 62
Water and land damage,	3696 80
	<hr/>
	\$200273 56
	<hr/>

SUPERINTENDENT'S REPORT.

To the Board of Water Commissioners :

I herewith submit my report for the year ending January 12, 1897.

During the year 555 feet of 6 inch pipe has been laid in public ways and 1-6 inch gate and 2 hydrants set 18 feet of 6 inch, 4 feet of 4 inch laid and 1-6 inch check valve, 1-4 inch valve and 1 hydrant set on private fire pipe. Viz:

Highland Road from Catherine Nolan's to Hugh Cunningham's, 243 feet 6 inch pipe and one hydrant.

Cuba Street from John Henderson's to new street on land of P. D. Smith, 107 feet of 6 inch pipe.

New street from Cuba Street, 157 feet of 6 inch pipe, 1-6 inch gate and 1 hydrant.

New street on land of Hardy & Colé, 48 feet of 6 inch pipe.

Moses T. Stevens & Sons, fire pipe, 18 feet of 6 inch, 4 feet of 4 inch pipe, 1-6 inch check valve, 1-4 inch valve and 1 hydrant.

Total number of public hydrants in service, 184.

There is on hand 360 feet of 6 inch pipe, enough for repairs during the coming year but not enough to make any extensions.

SERVICE PIPE.

There were received during 1896, 47 applications for service pipes, 46 of which were laid. The total number of applications received to date is 787. Total number of services connected with works to date, 752: One service has been laid for supplying a drinking faucet and expense charged to service pipe account. One laid for drinking fountain and expense charged to special appropriation for drinking fountain. There have been set during the year 48 meters, making the total number in use to date 326. The usual schedule of service pipe work accompanies this report.

SCHEDULE OF SERVICE PIPE.

Laid during 1896.	Kind,	Cement Lined.	Lead Lined.	Tarred	Lead.	Cast-Iron.	Total.
	Sizes,	$\frac{3}{4}$, 1, & $1\frac{1}{2}$ In.	$\frac{3}{4}$, 1, & $1\frac{1}{4}$ In.	2 & $2\frac{1}{2}$ Inches.	$\frac{5}{8}$ & 1 Inch.	4 Inch.	
	No. of Services, Owned by Town, Owned by Individ		45 1115.3 1632.3			1 22 700	46 1137.3 2332.3
	Total for 1896,		2747.6			722	3469.6
Previously Reported,	No. of Services, Length in feet,	642 47582.3	52 4053.0	4 249.9	6 817.	2 738.2	654 53440.4
Total Jan. 12, 1897,	No. of Services, Length in feet,	642 47582.3	97 6800.6	4 249.9	6 817.	3 738.2	752 56910.0

PUMPING PLANT.

With the completion of the Deane High Duty pumping engine, and the thorough overhauling of the Blake Duplex Pump, the pumping plant is in most excellent shape, and is in line with the highest perfection in the art of pumping known to engineers. The official test of the Deane engine was made the subject of a special report, which is here appended. The test shows a duty developed, which is without precedent with a pump of this capacity. The duty obtained under every day working condition is, however, more surprising than the official duty, as during June of 1896 the average duty of the Deane pump per 100 lbs. coal used running was over 136 million foot lbs., the average duty for the same month by total fuel used was over 114 million foot lbs., no deduction made. The average length of runs made during this month was about 7 hours per day.

REPORT ON DEANE PUMP.

Acting under the terms of the contract between the town of Andover and the Deane Steam Pump Co. of Holyoke, Mass., dated Apr. 22, 1895, I have attended to the inspection and tests for capacity and duty of the pumping machinery designed, constructed, and put in operation by the Deane Steam Pump Co., and beg leave to submit the following report:

The engine is a vertical compound condensing fly wheel engine,

with automatic cut-off on the high pressure cylinder and either automatic or variable cut-off on the low pressure cylinder. Between the cylinders is a receiver having a coil of pipe through which live steam from the main steam pipe is constantly circulating, insuring dry steam in the low pressure cylinder.

The steam cylinders are jacketed, both heads and barrels. The steam and exhaust valves, which are of the Corliss type, are carried in the heads, reducing the clearance spaces to a minimum. The valve gear is driven from one crank pin on the main shaft and so arranged that one motion of the starting bar moves all of the valves of both cylinders. The piston rods are connected through cross heads on to each end of a working lever, which transmits the motion through the main connecting rod to a bent crank in the main shaft.

The pumps, two in number, are vertical double acting plunger pumps with center packing. The packing ring, which is of composition, can be readily taken out and replaced without disturbing the pump cylinders. The pumps are placed in a pit below the engine, with the axes of the pumps in line with the axes of the steam cylinder, the plunger rods connecting directly with the cross heads of the engine, thus forming a continuous direct line through both steam cylinders and pumps. The air pump is an independent horizontal single piston, double acting pump having steam cylinder 5 1-2 inches in diameter, water cylinder 7 inches in diameter and 8-inch stroke.

The feed pump, which was furnished by the contractors though not called for by the specifications, is a small duplex piston pump of the regular Deane pattern attached to a receiver, by which it is automatically governed. The action of the steam is as follows: The steam is first admitted to the high pressure cylinder, the admission being automatically cut off by a fly ball governor. After doing work in the high pressure cylinder it is exhausted to the receiver which has been described. From the receiver it is admitted to the low pressure cylinder, the point of cut-off being governed either by the fly ball governor or by hand adjustment, from the low pressure cylinder it is exhausted through a coil feed water heater to a jet condenser which is placed on top of the air pump. The air pump then discharges it together with the water used for condensation, through the overflow. The steam which is used by the air pump may be taken either directly from the main steam pipe or from a separator placed below the jackets and receiving the jacket

drainage. The exhaust from the air pump goes either to the feed water heater or to the receiver of the main engine. The valves of the pumps all open upwards and the water being displaced by the plungers passes upward through the valves to a large water chamber from which the discharge main leads.

The Deane Steam Pump Co. at considerable expense to them, have willingly made any changes in the design submitted by them with their proposal, which the writer has suggested. They have furnished everything that was called for by the specifications, and, in the opinion of the writer, have furnished a much better engine than the contract called for. They have exceeded their guaranteed duty and earned a premium of \$97.50. They have, to the best of my knowledge, faithfully fulfilled their part of the contract, and I therefore recommend the acceptance of the machinery.

JOHN E. SMITH, SUPT.

March 9, 1896.

METHOD OF TEST.

As the town furnished the boiler plant coal could not very well be considered in figuring the duty. The contract therefore called for a duty of 125 million foot-pounds per 1000 pounds of dry steam at 90 pounds pressure delivered from the boiler. All heat taken from the boiler to be charged to the engine and all heat which should be rejected by the engine and returned to the boiler be credited to the engine, and as the plant is ordinarily run with the main pumps feeding the boilers, it was specifically stated in the specifications that steam used by the feed pump should be deducted from the total steam used.

To eliminate as far as possible any error which might creep in and at the same time simplify the official trial, it was decided that drainage from the separator should be returned directly to the boiler, and all steam delivered beyond the separator should be considered dry and saturated. It was also decided to run the boiler feed pump, and heat the building from a separate boiler. Having so far simplified the conduct of the test, arrangements for the trial were made as follows: Boiler No. 1 was selected to be used in connection with the Deane pump, and all connections between boilers No. 1 and No. 2 were either ascertained to be perfectly tight or blanked off. Tanks were arranged, the first one connecting with the feed pump which supplied boiler No. 1. Above this was placed a second tank

resting on a pair of platform scales which were known to be correct. Into this tank water was drawn from an overhanging pipe.

The temperatures were taken by thermometers which had been calibrated, and were correct to within a small fraction of a degree. The thermometers in the feed and jacket return pipes were placed in tees as near as practicable to the boilers. The thermometer in the tank was hung loosely in the water and was read by lifting it until the mercury just showed at the surface.

The weight of water returned from the jackets was determined by a preliminary test of three hours duration, conducted March 3, the conditions being as near as possible to those of the official trial. During nor after this preliminary test nothing about the engine was changed. The method of determining the amount of jacket steam used per hour was by connecting the jacket drain through a separator which had a water glass at the side and beyond which was placed a steam trap, to a pipe leading below the water in the second tank already described. In this pipe was a globe valve placed so that it could be conveniently operated. The tank was first partially filled with cold water, the globe valve was then closed. The time and weight of the water noted. The globe valve was then opened and the jacket drainage allowed to trap over. As soon as a sign of vapor appeared on the surface of the water the globe valve was again closed, and time and weight was noted. This was continued for three hours. The weights and all conditions appeared so regular that longer test was deemed unnecessary, and the weight thus determined, 269.5 pounds per hour, was used in figuring the duty. The official trial was conducted March 4, was begun about two hours after the engine was started and after the representative of the contractors and the writer had made a thorough examination to see that there was no possibility of either water or steam getting into or out of boiler No. 1 without being accounted for. A large gong was used for timing, 3 strokes being given 15 seconds before the time for taking, 2 strokes 5 seconds before, and 1 stroke on the time. In starting two observers noted the height of water in the boiler, two noted the level of water in the lower tank, and two read the revolution counter. At the end of the test the same men made the same observations. During the test all observations were made each 15 minutes, by C. L. Newcomb representing the contractors, and by the writer representing the town. The readings in all cases coincided. The water was carefully weighed by two independent

observers and the number of tanks used checked by an automatic register operated by a float. Every precaution against error which could be thought of was used, and the results are believed to be substantially correct.

OFFICIAL TEST.

Test of 17 x 30 x 8 3-4 x 30 cross compound condensing fly wheel pumping engine, with two centre packed plunger pumps, manufactured by the Deane Steam Pump Co. of Holyoke, Mass. Designed by Charles L. Newcomb, Superintendent.

Date of test, March 4, 1896.

Duration of test, 10 hours.

Time of starting, 8.01 A. M.

Time of stopping, 6.01 P. M.

Diameter high pressure cylinder,	17 in.
“ low “ “	30 “
“ pump plungers,	8 3-4 “
Common length of stroke,	30 “
Diameter high pressure piston rod,	3 “
“ low “ “ “	3 “
“ plunger “	3 “
Capacity at 205 ft. piston speed,	1205.4 gal. per min.
Revolutions of engine during 10 hours,	25361
Plunger travel, 10 hours,	253610 ft.
Area of plunger,	60.13
1-2 area of 3 plunger rod,	3.53
Net effective area of plunger,	56.6
Average observed steam pressure,	90.3 lbs.
“ “ water “	139.79 “
Difference of level between gauge and water in Pond,	5.1 “
Average observed total water pressure,	144.89 “
“ temperature of water in tank,	41°
“ “ feed “ at boiler,	126°
“ “ jacket “ “ “	299°
Temperature steam at 90.3 lbs. pressure,	331.137°
Net B. T. U. per lb. feed water from tanks,	85.04
“ “ “ “ “ “ “ “ “ jackets,	259.44
“ “ “ “ “ “ steam at 105 absolute,	1173.84
Weight feed water from tanks,	15132 lbs.
Net weight of feed water from tanks,	14035.8

Weight of jacket water,	2695
Net " " " "	2097.6
Weight of total steam delivered from boiler at 105 lbs. absolute pressure,	16133.4
Total ft. lbs. work developed by plunger, no allowance for friction in suction pipe,	2,079,798,291.4
Duty, contract basis:	

$$\frac{56.6 \times 253610 \times 144.89 \times 1000}{16133.4} = 128,912,585 \text{ ft. lbs.}$$

Premium earned at \$25.00 per 1,000,000 ft. lbs. above 125 millions,	\$97.50
Signed,	

JOHN E. SMITH, For the Town of Andover.

CHARLES L. NEWCOMB, For Deane Steam Pump Co.

The pump room has been painted, a new floor laid, and everything about it put in good condition. All expenses caused by the installation of new pump has been charged to pumping plant.

MAINTENANCE.

Many expenses have been met during the past year which would ordinarily be uncalled for and while some of them were anticipated in calling for an appropriation at the annual meeting in March, 1896, had it not been for increased economy in the ordinary operating expenses, it would have been impossible to have met our maintenance expenses with funds at our disposal for that purpose. We have, however, paid every bill, and have an unexpended balance of \$72.44.

The cost of pumping has been very materially reduced, both by the decreased coal consumption and by the decreased cost in attendance.

The pumping since June 1st has been done almost entirely by the Deane pump, which, being automatically controlled, requires very little attention, after being started. The steam used by this pump being much less than was used by the Blake pump, the labor of firing is reduced more than one-half, one man easily does the firing and running, thereby

saving the wages of a fireman. Last year we did not reap the full benefits of the economy of the plant, as owing to changes made and labor involved in overhauling the Blake pump, and putting the pump room in order, a fireman was employed during the first six months of the year.

The Blake pump has been thoroughly overhauled, the plungers, plunger rods and piston rods trued up, new plunger packing rings and valve rods put in, all brass work nickel plated and pumps repainted; they are now in first class order and ready to run at any time. The expense connected with these repairs was \$316.42. They are turned over every week and run occasionally to see that they are in proper working order.

In July the force-main pulled apart just outside of the pumping station wall. The pipe was taken up and relaid.

Owing to a change of grade on the State highway, at Poor's causeway, Frye Village, 850 feet of 8 inch pipe and 2 hydrants were taken up and relaid on a new location. This job came late in the season and caused an expenditure of \$515.32. This expenditure should be refunded by the State Highway Commissioners, but as they are guaranteed against damages it would have to be collected from either the county or town.

Acting by request of the Chairman of your Board circular letters were sent to about one hundred superintendents in cities and towns in New England, asking for information as to the style of works and water rates. Received replies from forty-nine different cities and towns, which were tabulated and made the subject of a special report to your Board. The information obtained is valuable in a great many ways, but throws no light whatever on the vexed question of schedule rates to water takers. Andover's rates were found in case of most fixtures to be below the average, but there seems to be no equitable system of graduating the tax on various styles of fixtures. The action of your Board in establishing a compulsory meter system on all services except single tenements using one faucet would seem to contain more elements of justice to consumers than any revision of schedule rates could possibly have.

The introduction of the new regulations has met with the approval of a great majority of the consumers and the general introduction of meters is progressing with very little friction. The probable effect of meters will be to slightly reduce the revenue, but the tendency will also be to reduce the cost of pumping ; few people realize that over one-half the cost of operating the works comes from pumping.

During the year the Town has obtained at a trifling cost a piece of land on the shore of the pond, west of the pumping station lot, containing the only available location for camps and houses, between the pumping station and Dixon's. This is certainly a move in the right direction.

The special work required in maintenance during the coming year will be, so far as known, the raising to grade of a few hydrants on the State highway, the cleaning of the reservoir and the relaying of the 12 inch flange pipe across the river at Abbot Village.

Respectfully submitted,
JOHN E. SMITH.

Andover, Feb. 1, 1897.

MONTHLY RECORD OF PUMPING SERVICE, 1896.

Month.	Days.	Time.	Life, including suction.	LBS. COAL USED.			Gallons pumped.	DUTY		Average daily consumption.
				Pumping.	Banking Starting, Etc.	Total.		By coal used pumping.	By total coal used.	
		H M	ft.							gallons.
January	22	143 40	330	37,965	11155	49,120	10,013,425			
February	24	127 25	330	29,323	11535	40,858	9,132,223			238,531
March	21	139 17	330	26,343	10072	36,415	10,184,466			322,661
April	19	136 10	330	22,350	4985	27,335	9,679,922	*106,317,741	76,359,419	353,545
May	22	156 57	330	32,600	4800	37,100	10,959,908	*90,769,177	79,762,140	395,820
June	23	162 53	330	26,150	4600	30,750	11,874,605	*124,876,343	106,195,654	423,800
July	24	181 00	330	29,050	4800	33,850	13,137,819	*124,578,183	106,676,521	364,271
August	23	161 10	330	24,300	4600	28,900	11,292,400	126,839,918	107,447,059	320,355
September	23	135 55	330	21,275	4600	25,875	9,625,048	123,473,006	101,521,901	319,143
October	22	136 35	330	21,750	4400	26,150	9,893,423	125,112,153	104,060,777	314,180
November	22	132 05	330	21,600	4500	26,100	9,525,403	121,272,463	100,359,690	263,161
December	21	117 00	330	19,500	7500	27,000	8,158,000	115,048,708	83,053,704	
Totals	266	1730 07	330	312,206	77,247	389,453	123,476,542			
10 Months	220	1459 02	330	244,918	54,557	299,475	104,330,884	117,145,305	95,804,301	344,219

*Owing to changes being made on pumping plant, accurate records of pumping were not kept during January and February, most of the pumping for those months was done by the Blake pump. During the remainder of the year the Blake pumps pumped 7,331,285 gallons, viz., during March, 1,875,300; May, 4,915,150; June, 407,635; July, 333,200 gallons.

WATER RATES AND REGULATIONS.

Dwelling houses occupied by one family using one faucet \$6.00 per year. Building purposes, for each cask of lime or cement \$0.06 per cask. For all other purposes water to be measured.

METER RATES.

All meter rates shall be computed to January first of each year. A minimum rate payable semi-annually in advance will be charged which will cover a certain yearly quantity of water and all water registered by meter in excess of that quantity shall be paid by the hundred cubic feet. In case of a meter stopping or failing to register, the quantity used shall be estimated as the amount which ordinarily passes through the meter when in operation.

A consumer using not more than 5400 cubic feet per year shall pay a minimum annual rate of \$6.00, which payment shall entitle him to use 2400 cubic feet of water per year, and twenty-five cents for each and every one hundred cubic feet in excess of that quantity.

A consumer using more than 5400 and less than 13400 cubic feet shall pay a minimum annual rate of \$12.00, which payment shall entitle him to use 5400 cubic feet of water, and twenty-two cents for each and every one hundred cubic feet in excess of that quantity.

A consumer using more than 13400 and less than 67000 cubic feet per year shall pay a minimum annual rate of \$25.00 per year, which payment shall entitle him to use 13400 cubic feet per year, and eighteen cents for each and every one hundred cubic feet in excess of that quantity.

A consumer using more than 67000 and less than 200,000 cubic feet of water per year shall pay a minimum annual rate of \$100.00 per year, which payment shall entitle him to use 67000 cubic feet per year, and fifteen cents for each and every one hundred cubic feet in excess of that quantity.

A consumer using 200,000 cubic feet or over shall pay a minimum annual rate of \$225.00, which payment shall entitle him to use 200,000 cubic feet of water, and eleven cents for each and every one hundred cubic feet in excess of that quantity.

A cubic foot is computed as seven and one-half gallons. *All meters read cubic feet.*

REGULATIONS.

The following regulations until further notice shall be considered a part of the contract with every person who uses water :

1. All applications for the use of water must be made at the office of the Water Commissioners and state fully the purpose for which it is intended to be used. The Town will in all cases lay the service pipe from the street main to and through the cellar wall and provide on the end thereof a stop and waste valve. And the owner of the premises shall in all cases pay for such service pipe as may be laid within his premises together with the stop and waste valve at such rates as may be fixed by the Water Commissioners.

2. Meters will in all cases be set where there is more than one family using water through the same service pipe or where there is a single family using more than one faucet, and in all cases where there is a stable connected with the premises or hose is used. The Town will set all meters and charge a rental of \$2.00 per year. Consumers at their option may purchase said meters when they will be marked on the books as private and no rental will be charged. All meters will be kept in repair by the Town and no charge made therefor except in cases of freezing or negligence.

3. All persons using water must furnish internal pipes, connections and fixtures, and keep them in repair at their own expense and the commissioners will not be liable for any damage caused by failure to do so. No person will be permitted to connect with any water pipes on the inlet side of the meter in any way or manner without a written permit from the Commissioners or their authorized agent.

4. Water rates shall be payable at the office of the Water Commissioners semi-annually, in advance, on the first day of January and July of each year. Water rates for the fractional part of six months shall be due when the water is turned on and in no case shall they be less than one dollar. No abatement of water rates will be made except when the entire premises are shut off for a period of at least three months. In all cases of non payment of water rates within ten days after the same are due as well as for any violation of these rules and regulations, the supply may be shut off and water will not again be let on except upon payment of the amount due and the sum of two dollars for shutting off and letting on the water. In case of shutting off or letting on the water for re-

pairs, testing of pipes, or any other purpose except for non payment of dues, the sum of one dollar will be charged.

5. When water is supplied to more than one family through a single service, the water rates shall be paid by the owner or lessee of the whole premises and the owners shall, in all cases, be responsible for the water rates of their tenants.

6. No water taker shall supply water to parties not entitled to its use except on written permit.

7. All apparatus and places supplied with water must be accessible at all reasonable times to the inspection of the Commissioners or their agent, and all pipes and fixtures shall be subject to rejection by said Board, if considered unsuitable for the purpose.

8. Water will be furnished for external fire protection free of charge, but no person shall open any hydrant, public or private, except for the legitimate purpose of extinguishing fires without a written permit from the Commissioners or their agent, and in case of fire public hydrants are to be opened by firemen only under the direction of the fire engineers.

9. The Commissioners reserve the right to restrict the use of hose or fountains or to shut off the water when it becomes necessary to make extensions or repairs or for violation of any of the regulations.

10. In computing meter rates no service pipe shall pay less than \$6.00 a year unless shut off for at least three consecutive months during the year.

